

20010629.qrp v02_n235.qrl.20010629

Date: Fri, 29 Jun 2001 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2235

QRP-L Digest 2235

Topics covered in this issue include:

- 1) [101029] HAM RADIO MAGAZINE
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 2) [101030] Fox- confusing time.
by Pete Burbank <plburbank@kih.net>
- 3) [101031] 500 mW to Germany
by "David Porter" <aa3ur@home.com>
- 4) [101032] Re: Fox- confusing time.
by "George, W5YR" <w5yr@att.net>
- 5) [101033] Ham Radio CDs
by "Alex Turner" <aturner13@triad.rr.com>
- 6) [101034] MOBILE OR PORTABLE HF ANTENNA
by Wayne Williams <aa5jj@swbell.net>
- 7) [101035] Re: Fox- confusing time.
by Paul Womble <pwomble1@tampabay.rr.com>
- 8) [101036] re: stolen K1
by Bill Stietenroth <k5zty@juno.com>
- 9) [101037] Boost OHR500 pwr on 15 meters?
by Tim and Nancy Logan <cyr999@extremezone.com>
- 10) [101038] Both FOXes are *Cooking*
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [101039] Re: Stolen Rig
by George Gingell <k3tks@u1.abs.net>
- 12) [101040] Reward for K1 S/N 17
by Richard Arland <rarland@earthlink.net>
- 13) [101041] 'Tis a fine day to be huntin' foxii!
by John Wagner <john@neknetwork.com>
- 14) [101042] Thanks for 2 fur
by KB7WW Art Moe <kb7ww@uswest.net>
- 15) [101043] Re: [Elecrafft] K2 revision 2 firmware release
by "Bob Hightower" <nk7m@extremezone.com>
- 16) [101044] Genuinely Interesting IC of the Week
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 17) [101045] FOX GET 'EM IN CO
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 18) [101046] [OP] County Topping Fri Nite
by Kenneth Hoglund <hoglund@wfu.edu>
- 19) [101047] FS - update

- by Michael Goins <mgoins@usa.net>
- 20) [101048] FOX - Off to a Good Start! :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 21) [101049] Rookie Hunter Gets Two
by Scott McCullough <mcwood@cornhusker.net>
- 22) [101050] FOX: 2 on the wall
by "Gary O. Lyons" <drgary@urx.com>
- 23) [101051] FOX: Got em both from here in SW Florida
by "Tom" <n1tp@worldnet.att.net>
- 24) [101052] FOX: Bang-Bang night!
by "David Ek" <ekdave@earthlink.net>
- 25) [101053] FOX Spot @ 0330
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 26) [101054] Re: FOX GET 'EM IN CO
by "Rod Cerkoney, NØRC" <rod@n0rc.com>
- 27) [101055] Re: WARNING-HOT ANTENNAS !!!
by George Gingell <k3tks@u1.abs.net>
- 28) [101056] FOX: Thanks for the fun
by "Mike Malone" <mmalone@worldlogon.com>
- 29) [101057] Fwd: Re: OT: Palm Computer Software
by adamvaz@palm.net (Adam Vazquez)
- 30) [101058] Handbooks For Sale
by "Mark M." <markem@cervnet.com>
- 31) [101059] Fox - Summer Hunt
by Bruce Rattray <rattray@gpfn.sk.ca>
- 32) [101060] Fox- K4FB quick report
by Paul Womble <pwomble1@tampabay.rr.com>
- 33) [101061] [CONTEST] QRP Contest Calendar - July 2001 Revised
by Ken Newman <N2CQ@citnet.com>
- 34) [101062] Re: FOX - Off to a Good Start! :-)
by Pete Burbank <plburbank@kih.net>
- 35) [101063] Re: Shortened Doublet, Lengthened Doublet
by W2SH@aol.com
- 36) [101064] Re: Fox- confusing time.
by "Marshall Emm" <mgemm@ntechnologies.com>
- 37) [101065] Almost missed the foxes
by Bob Nielsen <nielsen@oz.net>
- 38) [101066] Miracle Whip Antenna --- Ummm
by ldmartin <ldmartin@pacifier.com>
- 39) [101067] Re: FOX - Off to a Good Start! :-)
by "Gary O. Lyons" <drgary@urx.com>
- 40) [101068] Re: Miracle Whip Antenna --- Ummm
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 41) [101069] FS: OHR-500 and DD-1
by "N2ZW" <n2zw@home.com>
- 42) [101070] Re: Genuinely Interesting IC of the Week
by Randy & Cara Randall <crrandal@seidata.com>
- 43) [101071] New Postal QSL Rates

by "Jim" <n0ur@mn.mediaone.net>
44) [101072] Fox Good Fox's
by "Karl F. Larsen" <k5di@zianet.com>
45) [101073] Re: Fox Good Fox's
by "Ham" <k1vp@grizzly.com>
46) [101074] Safe log backup
by "Jim" <n0ur@mn.mediaone.net>
47) [101075] FS: Shack Cleaning - updated
by "Mark Sailer" <n2jtw@yahoo.com>
48) [101076] Re: New Postal QSL Rates
by "Brian" <bmmurray@amexol.net>
49) [101077] Re: Vertical Info
by ARDUJENSKI@aol.com
50) [101078] SWR/Pwr meters - simplified
by K5BDZ@aol.com
51) [101079] FS: Wilderness Sierra and TT Xverter
by "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
52) [101080] Re: Shortened Doublet
by Bill Coleman <aa4lr@arrl.net>
53) [101081] FOX - Bagged both
by Bill Coleman <aa4lr@arrl.net>
54) [101082] SWL: Radio Netherlands
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
55) [101083] test2
by paul taylor <ptay1@bestweb.net>
56) [101084] Re: Miracle Whip Antenna --- Ummm
by Bruce Muscolino <w6toy@erols.com>
57) [101085] Re: stolen K1
by <brownh@hartford-hwp.com>
58) [101086] FS:Varactors BB204B
by "Craig A. Ferris" <cferris@aeronix.com>
59) [101087] Re: Fox- confusing time.
by Pete Burbank <plburbank@kih.net>
60) [101088] Re: Shortened Doublet
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
61) [101089] QRM's on 40m
by "Oleg Borodin" <master72@lipetsk.ru>
62) [101090] test disregard
by paul taylor <ptay1253@yahoo.com>
63) [101091] TICK keyer problem
by Bruce Rattray <rattray@gpfn.sk.ca>
64) [101092] Re: Activating Pikes Peak Friday and Saturday Evenings
by agtaylor@llnl.gov
65) [101093] July issue of the Bacon Bits
by Shephed@aol.com
66) [101094] Don't Miss THE SPARTAN SPRINT ON MONDAY
by Russ Carpenter <russ@natworld.com>
67) [101095] SWL signal report

- by SSmith9831@aol.com
- 68) [101096] Re: SWL signal report
by Jeff Stai WK6I <jstai@home.com>
- 69) [101097] FOX: Still have openings for Cub Foxii!
by John Wagner <john@neknetwork.com>
- 70) [101098] Anti Theft
by "Brian" <bmurrey@amexol.net>
- 71) [101099] Re: Anti Theft
by "Mike Yetsko" <myetsko@insydesw.com>
- 72) [101100] Re: Anti Theft
by "laura halliday" <marsgal42@hotmail.com>
- 73) [101101] Re: Operating Procedures
by Bill Coleman <aa4lr@arrl.net>
- 74) [101102] RE: Operating Procedures
by Bill Coleman <aa4lr@arrl.net>
- 75) [101103] Activating
by Pete Burbank <plburbank@kih.net>
- 76) [101104] Camping on Catalina Island - DSW-40 in tow.
by "Trevor Jacobs" <fxtech@earthlink.net>
- 77) [101105] QRP Forum at the ARRL SW Division Convention!
by "Phinizy, William" <wphinizy@filenet.com>
- 78) [101106] Re: Anti Theft
by "Mike Yetsko" <myetsko@insydesw.com>
- 79) [101107] QRM on 40m
by "Oleg Borodin" <master72@lipetsk.ru>
- 80) [101108] Re: Safe log backup
by Walter D Amos <walt_amos@juno.com>
- 81) [101109] Re: QRM's on 40m
by Bill Coleman <aa4lr@arrl.net>
- 82) [101110] Re: TICK keyer problem
by Pete Burbank <plburbank@kih.net>
- 83) [101111] more milliwatt news.....
by "George Osier" <gosier@twcnny.rr.com>
- 84) [101112] Advice for a prodigal ham?
by Blair Goodlin <bgoodlinjr@yahoo.com>
- 85) [101113] Re: Anti Theft
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 86) [101114] Ft. Tuthill {Flagstaff, AZ}
by jaywa5whn@juno.com
- 87) [101115] Re: Advice for a prodigal ham?
by "laura halliday" <marsgal42@hotmail.com>
- 88) [101116] Re: Advice for a prodigal ham?
by "John J. McDonough" <wb8rcr@arrl.net>
- 89) [101117] FOX: SummerFox #1, W8RU
by Ron Majewski <majewski@erim-int.com>
- 90) [101118] Re: Advice for a prodigal ham?
by "Mike Yetsko" <myetsko@insydesw.com>
- 91) [101119] RE: Advice for a prodigal ham?

by Nick Kennedy <nkennedy@tcainternet.com>
92) [101120] Re: Activating
by "Brian Murrey" <bmurrey@amexol.net>

Date: Thu, 28 Jun 2001 19:30:04 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, elecraft@qth.net
Subject: [101029] HAM RADIO MAGAZINE
Message-ID: <3B3BBDFC.793ECE2C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just got my Ham Radio Magazine CD's in the mail today

WOW!!!!!!!!!!!!!!!

No more paging through mildewed old copies in search of some of the best stuff ever written in our hobby.

Thank you ARRL for making these things available once again.

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T.J. "SKIP" AREY N2EI

Elecraft K2 #945 & K1 #717

Specialization is for insects! LAZARUS LONG

Date: Thu, 28 Jun 2001 19:33:10 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-1@lehigh.edu
Subject: [101030] Fox- confusing time.
Message-ID: <5.0.2.1.0.20010628192040.00a7e310@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,
I understand that the hunts will begin at 0200 Z.
The Time box at the website is a bit confusing however.

It states Thursdays (US local) 0100 Z
 Friday 0200 Z
That's impossible! :-)

Before I get flak from the UTC impaired let me state that EDST is 4 hours
behind
UTC----GMT----Zulu----Z time on account of the sun and the earth's
rotation. :-)
73 to all
Pete NV4V Kentucky

Date: Thu, 28 Jun 2001 19:58:32 -0400
From: "David Porter" <aa3ur@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101031] 500 mW to Germany
Message-ID: <00a901c1002e\$3ce7bbc0\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I bagged Fritz, DK7MC, this afternoon on 14.053. He was booming in with 30
watts. I was QRP with my DSW-20 at 2 watts. Or so I thought. I got a very
weak 529, but he did copy everything. I let him go, and while I was logging
the info, I noticed that my BLT tuner was still in the "Tune" position.

If I am not mistaken, if the resistance SWR bridge is balanced, and one leg
of the bridge is the antenna, then the antenna is only getting 1/4 of the
power, right? If that's right, I got him with 500 mW! Yahoooooo!

Let me know if my logic holds up.

David Porter
aa3ur@home.com
AA3UR

Date: Thu, 28 Jun 2001 18:52:29 -0500
From: "George, W5YR" <w5yr@att.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101032] Re: Fox- confusing time.
Message-ID: <3B3BC33D.CF50F0D7@att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Start hunting at 10 PM EDT tonight.

Good luck!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Pete Burbank wrote:

>
> Gang,
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> Friday 0200 Z
> That's impossible! :-)
>
> Before I get flak from the UTC impaired let me state that EDST is 4 hours
> behind
> UTC----GMT----Zulu----Z time on account of the sun and the earth's
> rotation. :-)
> 73 to all
> Pete NV4V Kentucky

--

Date: Thu, 28 Jun 2001 20:17:49 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [101033] Ham Radio CDs
Message-ID: <006c01c10030\$ee24bda0\$9ede1a42@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Happiness is a new edition of your favorite ham magazine. Well, real
happiness is an entire collection. If you didn't read Laura

Halliday,VE7LDH's post about the issues of Ham Radio being available on CD rom I will say it again, if you can get it. Received mine today and it's a gold mine of info. Similar format to the QST collection which although expensive is also a great resource.

If you do decide to try the HR collection you might want to check Paul Washa W0TOK@msn.com. I got a very good price and excellent service. No interest other than a happy customer.

Alex Turner N4BYJ

Date: Thu, 28 Jun 2001 19:58:50 -0500
From: Wayne Williams <aa5jj@swbell.net>
To: Lehigh University List Server <qrp-l@Lehigh.EDU>
Subject: [101034] MOBILE OR PORTABLE HF ANTENNA
Message-ID: <3B3BD2CA.6849E669@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hello to all I am new to this QRP stuff and I have a small travel trailer only 15 footer with one axle I would like some info on what kinda antenna to use on this little trailer any sugestions would be great, I will most likely have to build it my self because of income so if there is a place I can find plans to build something please send me the URL. 73 and hope to talk to you on the QRP freq's.

God bless WAYNE AA5JJ

PS: would like to be able to work all HF bands.....

Date: Thu, 28 Jun 2001 21:12:52 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101035] Re: Fox- confusing time.
Message-ID: <3B3BD614.ABE2176A@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don't feel bad Pete.

I almost started calling CQ at 0100z...which is 9pm in Florida. 9pm is

the usual local time for the 40m hunts.

Came real close!

See you all in about 45 minutes.

73

Paul K4FB/fox

Date: Thu, 28 Jun 2001 21:03:09 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu
Subject: [101036] re: stolen K1
Message-ID: <20010628.210358.-3871445.3.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

It would be a nice service of Elecraft to keep a list of stolen Elecraft serial #s so that if one showed up back there for service it could be recognized. A friend of mine recovered his stolen jet ski from 4 states away like that when Kawasaki recognized the serial # when some one ordered parts.

Bill, K5ZTY
Houston, TX

Date: Thu, 28 Jun 2001 19:14:03 -0700
From: Tim and Nancy Logan <cyr999@extremezone.com>
To: qrp-l@Lehigh.EDU
Subject: [101037] Boost OHR500 pwr on 15 meters?
Message-ID: <3B3BE46B.F04B8F5E@extremezone.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks -

I recently finished an OHR500 and am EXTREMELY pleased with it (mind you

it sits next to an Omni and a K2 and a K1 so it has good company to compare with).

I would like to increase the power out on 15 meters. I know how to solder and read, but beyond that I am a technical idiot - so if you answer this question please make your answer extremely simple. If anyone owns an OHR 500 and has tinkered with boosting power on 15 meters, could you give me some suggestions? Thank you in advance.

Regards, Tim Logan KB7OEX Gilbert, AZ

Date: Thu, 28 Jun 2001 22:24:31 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [101038] Both FOXes are *Cooking*
Message-ID: <200106282224_MC3-D791-D879@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Ron is on 14.057.3. Paul is 14.062.2. Both are really smoking, speed-wise, and each has a howling pack of hunters :-). Here's wishing everyone good luck for pelts TONIGHT.

72,
--Doc/K0EVZ

Date: Thu, 28 Jun 2001 22:31:23 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [101039] Re: Stolen Rig
Message-ID: <Pine.BSF.4.33.0106282137450.28204-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am very sorry to hear about your Loss Rich. I am somewhat interested in the details. Was the Vehicle Locked? Was anything Secured? Funny thing is that we don't think much about this stuff until we have a loss. Being a Locksmith, causes me to think about these things a bit more than the average person, but that dosen't necessarily mean the I am any more

careful than you were.

This however unfortunate, can serve as notice to the rest of us to take steps to protect our "Treasures" and I do mean Treasures..

The Very First Step is to Make sure that you have all purchase documents and Receipts in a folder along with the manual and other related documentation for any equipment.

I would also recommend Photos of everything. If your rig is Homebuilt, make sure that you add Specific ID Markings to It. I usually engrave or otherwise mark the PCB Somewhere. I include the Date of Construction. It might also be useful to include the Cost if a Kit.

I have found that Your Drivers License Number is the Absolute Best ID to Inscribe to anything that you want back. DO NOT EVER USE YOUR SOCIAL SECURITY NUMBER! You could end up with worse problems than a stolen rig!!!

I just had a long discussion with a 75 year old Retired HP Engineer Friend who Had his identity Stolen this year. :^{ It is taken care of now, but not something that I would want to see happen to anyone else, friend or not.

Someone mentioned a Mod. to make the Rig Report that it was stolen. :^{

I am sure that It could be done since the Rig is CPU Driven. The problem that I see is that if it is programmed with Your Call at Manufacture, you could be creating a mess for when you sell it legally to someone else.

Take my recent Sale of my Unbuilt K2 Kit as an example, My friend builds it and puts on the air and the first attempt at a QSO the rig starts Sending out Automatic Beacon, "This Rig is Stolen from K3TKS, please Report this transmission to the Local Police" Do you think my friend would still be my friend? MAYBE, BUT I BET HE WOULD BE VERY UNHAPPY !

With the Wizards that are around here and at Elecraft, I am sure that they can come up with a bit more practical solution.

How about having the Keyer Store a "USER MESSAGE" that Executes Automatically in Beacon Mode upon turn on, if the Keyer Paddles or Key line are Not Active within 1 Minute of Power up. Or have it activate until a "C" is sent via paddle or key line.

The Owner/Builder could put any message desired into that Special Memory location. Maybe it could also serve as a Normal Beacon Memory if Desired.

Just about anything can be done with the right person doing the programming, assuming there is room left in the ROM.

FYI- There was a Small Module Available for VHF/UHF rigs that Sent Low Level Audio (Don't think it was Sub-Audio Tone) Modulated CW with the Callsign. The idea was that Everyone on a repeater would hear your rig ID in CW at 20-25 WPM just seconds before your voice came up. You would obviously not hear it, but everyone else in the world would hear it. If your voice did not follow, that would surely alert all on the Repeater that someone else was using your rig at least. Seems like that device was about \$ 50, but maybe worth it in some places? That was also back before it became so commonplace to find Smart Chips in Rigs. I can get you a chip that will control a lock, (Dallas Chip) No CHIP, NOT WORK. Maybe a simpler solution. Maybe Wayne and Company will offer one of these ideas as an Option in the Future. How about Finger Print or Eye Scan ID. Both are available today, but likely will cost more than the Rig. :^)

I had not intended to run on so much on this subject matter, But I realize how much it hurts to lose the "BABY". I dearly hated to "SELL BABY" but I have to get a new roof on the house before Winter. Maybe I can sell enough other excess stuff this Summer to Buy an New "K2 Baby". I had a local inquire tonight as to "What is a K2 and a 515 ?" Of Course the reply was Quick and Simple. " Just Two of the Best QRP Rigs Ever Made! " If Heathkit would have had them, they would still be in business today, IMHO :^} Am I going to get another one? YBYS AIM ! {Turtle Talk :^}

Now don't you wish that you had Painted that Case with Hot Pink Powder Coat ? :^}

Sometimes Distinctive Markings can be a real help in spotting something.

I am thinking of Military Camouflage Paint or A Special Locksmith Paint for Storefront Doors (Duronautic) (Aka Dark Bronze Brown).

Put your name on the PCB in Morse Code, Hardly anyone knows that anymore :^}

Let's hope that someone else here can benefit from one of these ideas.

Sure hope you get your "Baby Back Soon"

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems,
Handyman Services, Technical Reference Librarian, Family History Counselor,
Notary Public, Residential and Commercial Locksmith Services
Please Call (301) 572-6789 Office & Fax with Answering Machine Feature.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 28 Jun 2001 22:26:56 -0400
From: Richard Arland <rarland@earthlink.net>
To: Eastern PA QRP Club <epaqrp-1@Lehigh.EDU>, eleccraft <elecraft@qth.net>, QRP
List <qrp-1@Lehigh.EDU>
Subject: [101040] Reward for K1 S/N 17
Message-ID: <3B3BE770.4DF87052@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What the heck....

Should I be so phenomenally lucky to get my K1 (S/N 00017) back, along
with the POQET palmtop computer and the paddle set, I will personally
provide the lucky ham operator who recovers it for me with a three (3)
year membership in the ARRL. If that person is already a member, I'll
extend his membership three years. This is for real. No joke, GI.

(This offer void where prohibited. Only one (1) radio amateur will be
eligible for this reward. Members of the ARRL, the Arland, McGlynn,
Schilling, Stanfield families are not eligible. Taxes, surcharges, and
any other costs associated with this offer are the sole responsibility
of the winning ham radio operator. Close cover before striking. Slippery
when wet. Do not operate heavy machinery while taking this medication.)

73 Rich K7SZ

Date: Thu, 28 Jun 2001 22:38:18 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [101041] 'Tis a fine day to be huntin' foxii!
Message-ID: <3B3BEA1A.BC685986@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ahhhhh, it's so nice to be back in the saddle again - 'tis a fine day to be hunting foxii my friends.

Bagged W8RU at 0211 and K4FB at 0228, heard 'em both loud and clear. Ron was working 'em pretty close in while Paul seemed have the pack spread out pretty well - I was 1.40Khz up on Paul.

Heard Doc, K0EVZ get a pelt a few hounds before me also heard W0CH and a few others I recognize from the QRP-L - nice to be out in the field with the 'ol hound dogs again!

Thank you to our furry friends the foxii.

73 de John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Thu, 28 Jun 2001 19:47:46 -0700
From: KB7WW Art Moe <kb7ww@uswest.net>
To: qrp <qrp-l@lehigh.edu>
Subject: [101042] Thanks for 2 fur
Message-ID: <3B3BEC52.35DEE7E0@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to Ron and Paul for the 2 fur, from the left coast in 37 minutes, with a dipole.

Art
KB7WW

Date: Thu, 28 Jun 2001 19:56:52 -0700
From: "Bob Hightower" <nk7m@extremezone.com>

To: "kb1dxc" <kb1dxc@discovernet.net>
Cc: "qrp list" <qrp-l@lehigh.edu>
Subject: [101043] Re: [Elecraft] K2 revision 2 firmware release
Message-ID: <005501c10047\$2b342440\$11127d3f@dell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Keep it, in case there is a glitch somewhere along the way, or something fries your F/W. Just pop the old one in and you can probably get back on the air while waiting for a new chip.

Bob NK7M

----- Original Message -----

From: "kb1dxc" <kb1dxc@discovernet.net>
To: <elecraft@qth.net>
Sent: Thursday, June 28, 2001 6:04 PM
Subject: re: [Elecraft] K2 revision 2 firmware release

> Hi Folks,

>

> I have a question regarding the upgrade in firmware. If you do
> upgrade, then what do you do with the original firmware? Does it become
> junk or is there some way of using it for some other project?

>

> Michael A. Groeschner (kb1dxc)
> K2 s///n 02097 still in progress

>

> -----
> Reply-To: Wayne Burdick <n6kr@elecraft.com>

>

> Revision 2 is a major upgrade to the K2 firmware, with many new features
> and improvements (see summary below). All of the new features are
> accessed from a secondary menu, allowing you to decide which features to
> use. The original configuration menu and basic K2 operation remains
> unchanged.

>

> All K2's shipped since the beginning of last month's Dayton Hamvention
> will receive this upgrade at no charge. Also, if you order the KI02
> option, the firmware upgrade is included.

>

> New features summary:

>

> * Computer control of the K2 via RS-232 (requires KI02 option)
> * Up to three fully-programmable bands for use with transverters
> * User-selectable RTTY/Data mode with four independent crystal filter
settings

> * Fast Play (one-button) CW message playback, using your choice of switches
> * VFO dial calibration of typically +/- 20 Hz across the entire tuning range
> * Four RIT/XIT ranges--up to +/- 4.8 kHz
> * Independent or per-band storage of SPLIT, RIT, and XIT configuration
> * Four different configurations for the RATE switch (VFO tuning rate)
> * Squelch (OFF or adjustable level, 1-10)
> * External amplifier/transverter relay switching control (for CW)
>
> For more details, see:
>
> www.elecrafter.com/k2fw2.htm
>
> 73,
>
> Wayne, N6KR
> Eric, WA6HHQ
>
> ---
> Submissions: elecrafter@qth.net (You must be subscribed to post)
> Postings must be sent from the exact same addr. as subscribed.
> Please note: The list server automatically rejects HTML encoded emails.
> List Archive page: <http://www.qth.net/archive/elecrafter/elecrafter.html>
> Elecrafter Web Page: <http://www.elecrafter.com>
>
>

>
> "Home is where you can say anything you like 'cause nobody listens to
> you anyway." - Anon
>

> email address : kb1dxc@discovernet.net
>
> MY WEB SITE IS:
<http://www1.discovernet.net/~kb1dxc/>
>
> MY RADIO WEB SITE IS AT: <http://www.qsl.net/kb1dxc>
>
> The web site of the Stamford Amateur Radio Association:
> <http://www.qsl.net/w1ee>
>
> MIKE
>
>

>
> ---
> Submissions: elecraft@qth.net (You must be subscribed to post)
> Postings must be sent from the exact same addr. as subscribed.
> Please note: The list server automatically rejects HTML encoded emails.
> List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Thu, 28 Jun 2001 22:50:18 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [101044] Genuinely Interesting IC of the Week
Message-ID: <3B3BB4AA.17831.6EC6AE@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Has anyone on the list seen the MAX 1774 from Maxim (www.maxim-ic.com). This is a new power management IC that has everything but a glide slope and localizer. It monitors device battery voltage, backup battery voltage and wall wart voltage simultaneously. It can switch between the three sources as appropriate. If all sources are depleted, it signals the system to shutdown. There gotta be a qrp use for this thing.

Henry

Date: Thu, 28 Jun 2001 21:00:07 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101045] FOX GET 'EM IN CO
Message-ID: <017601c10047\$9aac5db0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

0234z K8RU, Ron
0254z K4FB, Paul

IC706 & Attic Dipole

73, Rod N0RC

Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Thu, 28 Jun 2001 22:54:05 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101046] [OP] County Topping Fri Nite
Message-ID: <3B3BEDCD.FA4E8A06@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, it's not Pike's Peak.

The kids and I thought we'd try to get out and explore more of this (NC) beautiful state. In the back of my mind, I thought it would be great to get more experience working in remote locations. For reasons I won't go into now, we decided to explore the highest points of several nearby counties.

This Friday we'll be operating from Moore's Knob. the highest point in beautiful Stokes County, NC. At over 2500 ft, the knob has a dramatic slope to the nnw and spectacular views of the Blue Ridge Mountains just over the border in Virginia. If all goes well, we expect to be on the knob operating from 2200-2300 UTC, around 7.045. Rig will be a Norcal 40A running into an inverted V mounted on a WalMart Golf ball retriever. We'll also lug a digital camera up to the summit and create a special card for all qso's.

After coming down from the summit and scouting out some fishing holes for the morning, I plan to operate from the campground hugging the side of the ridge the knob sits on, the campground itself at over 1800 ft. Probably around 0030-0200 UTC unless the batteries, or myself, give out before then. I'll be the slow fist calling "cq" around the same 7.045 watering hole.

Stokes is a relatively rural county, and the grid is EM96. The knob is located in the Hanging Rock State Park, a particularly striking collection of ridges, waterfalls, and a nice small lake. More

information is available at <http://www.ils.unc.edu/parkproject/haro.html>

Hope to catch some big ones, either of the HF or H20 variety.

73

Ken KG4FGC

Date: 28 Jun 2001 22:11:35 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [101047] FS - update
Message-ID: <20010629031136.12803.qmail@awcst169.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

The DSWs, TS-130, Z-11, 2 meter HT all sold (FT-817 ordered).

Still have the following (and will consider trades on them):

PSK-20. \$130 =

WM-2. \$85

JPS-NIR 10 - \$70

RS DSP. \$35

Eagle Spitfire 454 10 Meter HT, new in box. \$130 (may be sold)

Ten Tec 1202 SWR/Wattmeter. untested. \$50 (built)

Ten Tec 1254 digital SW receiver. \$195 =

SP-150 speakers. Have four. \$20 each

Please contact me off list. Prices are shipped US.

michael =

wb5yjx

mgoins@usa.net

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Thu, 28 Jun 2001 22:10:48 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [101048] FOX - Off to a Good Start! :-)
Message-ID: <200106290310.AA00378@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Ah, what a *RUSH*!!! :-) Bagged *both* foxii with a brand spanking new TX that I just finished this morning. :-) It runs 300 mW out to a IRF-510 FET amp that kicks it to 5W when the need arises. Given the *huge* packs on both hounds, I thought I'd let fly with the big gun. :-)

Now, I just have to get the new TX in a box. :-) Was running open on the bench top. :-) Had to be careful where and how I moved, lest my body capacity pulled the VFO off frequency... :-)

72/73,

Todd, AG0T

Date: Thu, 28 Jun 2001 22:24:42 -0500
From: Scott McCullough <mcwood@cornhusker.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [101049] Rookie Hunter Gets Two
Message-ID: <200106290324.WAA13183@go.bigred.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Wow! that was fun.

I guess I was lucky . . . I got both foxes with only one shot= each. Ron even slowed down for me. 8^)

Beginners Luck?

Paul: 02:58z
Ron: 03:13z

Sierra @ watts into Mosley Beam

Scott ~ NB0W

Date: Fri, 29 Jun 2001 03:30:57 -0700
From: "Gary O. Lyons" <drgary@urx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [101050] FOX: 2 on the wall
Message-ID: <000101c10086\$968375e0\$42d56bce@G_Lyons>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="utf-8"
Content-Transfer-Encoding: 7bit

It was certainly a good feeling to be back on the FOX trail again.

0226 W8RU Ron
0259 K4FB Paul

Omni V at 5w to inverted L under the eaves.

Kudos to both Ron and Paul. They both had good pile ups going for the time I was on. Lots of rolling QSB up here in WA tonite. Both guys varied from S0 to S7 on the meter.

As I type this, Paul is still on 14.062 with a very thin pile. Go get him!

72
Gary/NQ7T

Date: Thu, 28 Jun 2001 22:43:07 -0400
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [101051] FOX: Got em both from here in SW Florida
Message-ID: <001b01c10045\$3abb9580\$0d994d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With a simple dipole cut for 14.060 and 5 watts out, I bagged Ron, W8RU in Michigan, with relative ease at 0253.

Paul, K4FB, who is almost too close for these 2 hours on 20 meters, was much tougher. Paul was only 339 here in Naples AND there was tremendous (and

strange) QRN squarely on Paul's transmitting frequency from about 0300 until 0318.

I REALLY do have to install my new quad this weekend. It's such a daunting job, though. It makes me tired just thinking about all that work.

I'm wondering how them other Swamp Rats are doing.

Tom, N1TP
Naples, FL.
Almost in the Everglades.

Date: Thu, 28 Jun 2001 21:42:07 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [101052] FOX: Bang-Bang night!
Message-ID: <000d01c1004d\$7c11aee0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Where was the pileup on the foxii? I watched a movie tonight (I rented Castaway and it had to go back tonight--it was okay, but I didn't think it lived up to the hype) so didn't get to hunt foxii until about an hour and 15 minutes into the hunt. Two shots was all it took here to bring both of 'em down--no baying hounds to battle with! Quite a contrast from some of the hunts last winter...

Tnx to the foxii -

73 de Dave AB0G0

Date: Thu, 28 Jun 2001 23:41:21 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [101053] FOX Spot @ 0330
Message-ID: <200106282341_MC3-D775-5F6B@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Both FOXes are still roaring along at 0330 with packs hot on their tails.=
=

Ron is spot on 14.057.15, and Paul is at 14.062.24. Go get *your* pelts tonight. Best wishes, everyone.

73,
--Doc/K0EVZ

Date: Thu, 28 Jun 2001 21:52:23 -0600
From: "Rod Cercone, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Dave Sjolín" <sjolin@swbell.net>
Subject: [101054] Re: FOX GET 'EM IN CO
Message-ID: <019201c1004e\$e8093090\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OOPS!

----- Original Message -----

From: "Rod Cercone, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 28, 2001 9:00 PM
Subject: FOX GET 'EM IN CO

> 0234z K8RU, Ron
^
W

Sorry Rod, thanks Dave.

R.

Date: Thu, 28 Jun 2001 23:58:51 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [101055] Re: WARNING-HOT ANTENNAS !!!
Message-ID: <Pine.BSF.4.33.0106282231360.28204-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As I think of it the title has Two Meanings, The Antenna is Hot as in a Real Preformer. I also am a great Lover of the Horizontal Loop. I only wish that my Oak Trees were Taller and that the Forest That Was behind my property still existed. When I first moved here, there was at least Three miles of Woods, Forest, Trees behind me. I could have Cryed when I saw those Three Big D8 Cats in Destruct Formation Knocking Down 60-70 footers like Grant Thru Richmond. (Old E.C. Slang). I thought that an Airport was being built in my Back yard. I here I thought it was Park Land Forever :^{

I had a Really Long wire directed at England at that Time. How Long ? The Distance of One 36" Target Arrow Launched with an #80 hunting bow and Trailing a # 24 GA Teflon Streamer of Unknown Length. Assume Infinite :^{

Maybe one of our Rocket Scientists can give the answer. I would just say that It was just about right. :^{

When I lost my longggg wire, I built my first Loop. I used the Classic 1005/F Mhz and then just added a few feet for good measure. Yea, Real Scientific. I think the First version was Phone Wire. #16 Gauge Solid Copper Lashing Wire (Silver Tinned) About 4 Rolls carefully Spliced (W.E. Specification), I used those Nice 6" by 1" Diameter Ceramic Insulators. Some Big old heavy things given to me by an OT who Ran Serious power. Guess he thought I might Run Power Some Day:^) I can assure that the antenna NEVER SAW more than 5 Watts EVER. I ran something less tha One Watt Almost forever. The Antenna Was Fed in the SouthWest Corner with some FREE Twinex Cable from Work. It is Twin RG59 with a common outer sheath. Kind of line Electrical Zip Cord. It works great and the price was perfect. :^{ Someone here earlier was inquiring about how to get feed lines into the house. My Office and Shack are on the Basement Level with NO WINDOWS. Before I built the Office/Shop, I drilled a hole thru the cinder block and installed a 1-1/2 inch PVC Sleeve thru the Wall. Put an Elbow fitting on the Outside. DO NOT GLUE IT ! It will fit plenty tight with the press fit. If needed, Caulk around the Pipe with Clear Silicon Caulking. Get the Good Dupont or GE 25 Year Stuff. It is not expensive.

Also Pick up some "Duct Seal" at The Electrical Department. It is Like Clay, only it never really Hardens all the way. This is a Fire Retardant and a Critter Seal. Make sure you always add one length of Stranded Insulated House Wiring thru the Hole for Adding additional Future Feedlines. I think I had eight or Nine Coax Cables coming out of the

house. :^} Yes, I like to play with Antennas. The Classic "SKY LOOP" can be found in the ARRL Antenna Books. Did I mention the GROUND WIRE? In addition to the Normal Electrical System Ground Wire, I highly Recommend a Seperate Ground rod and #6 Solid Copper GRound Wire from your Equipment BussBar location and the Outside Earth Ground. It should also be tied to your house Ground. If you are not sure how to do this, Hire a registered Electrician. It could save your life and your house! Also Check the Web for Good Advise on Lightening Protection and Grounding. As they say on "Star Trek" "Live Long and Prosper" That Surely speaks of Ham Radio !!

Gee whiskers, I almost forgot about the tip that got me thinking about this stuff in the first place. One of you were telling how you had so much fun with a "BIG LOOP" on Field Day. Our Local Club in Laurel Maryland did a couple of radical Antennas for Field Day one year. We had two different antennas connected to the Same ATU at the Same time. One Was a Big Loop about 20 Feet Up, Like yours, the Other was (5000 Feet of #12 Stranded Electrical Cable) Yep, the whole darn Roll, I am Ammazed that they even got the "LONG WIRE" off the Ground. They Had a Commercial Helium Filled Advertising Balloon (Blimp Style) There was also a Strong and Steady Wind which helped keep the Balloon headed toward Europe/ New England? It was a hell of a sight. (Antenna Buff Term). It and the Loop were Great. I think the original intent was to switch between the two, only someone forgot the big knife Switch? I am not sure if anyone even realized what we were doing. :^) Hey, It worked Great, Who Cares about the Theory. Funny thing, After the Sun and Wind Died Down, there Seemed to be a Drastic Change in Propogation? On Inspection, I found a few hundred feet of antenna dragging on the ground? What to do? Shorten the antenna. NO! NO! DON'T CuT that wire. Just roll it up around your arm in a big coil and Hang it up there on the Shelter Pole. Ten Feet off the Ground is just fine. Tie a Rope around the bundle to hold it in place and get back on the air. Maybe down an S unit from Before, but at least we are back in the game... Fun, You bet Learn anything, YEP, if it works, don't try to figure it out, just do it.

Now for the other tip. It was mentioned that there is often (Spell that Always) a High Voltage on the Antenna and Lead in. Big Long Wires and Loops. What to do? It all depends on if the antenna is permanent or Temporary. Several possiable solutions. Here are a few that I have used in the past. 1. Ground the Antenna Thru an Inductor. Jim Fitton, W1FMR showed me his method at Dayton one year. He had A Mediumto Large Toroid Core with Multiple Taps on it. One End to the Antenna, One end to Earth Ground, and the Feed To a Tap. (Trial and Error). This is particularly useful at protecting the front end of the rig as well. A couple of Varistors across the Input is also wise. Could be built into the ATU.

In the Case where this was not thought of ahead of time, It might be a good idea to make one of these K3TKS Antenna Ground Straps (C) 2001 :^)

This tool can be made in several versions. One consists of a Long Blade Screwdriver with a Ground Clamp Attached, this Is connected to one end of a High Value (Several Megohms) Carbon Resistor and then to a length of Bare Copper Stranded Wire with a 2-3 Oz Bank Sinker on the end.

To Use, Insert the Screwdriver into the earth ground, and toss the Sinker end of wire up over the Antenna Element, This is not a permanent Ground connection, Just a "LIMITED DUTY SAFETY GROUND STRAP" it is to BLEED OFF THE STATIC CHARGE on the Antenna and Allow you to Handle it with relative Safety. If thought about before the Antenna was Raised, A better Connection Can be made. The HIGH Value Resistor Will allow the Leakage Current, but Will be practically unnoticed by your rig in normal operation. I am thinking of making My Design Public in the interest of Safe QRP Field Operations. I love QRP and I don't want to lose any potential (Key Word here) QRP Friends and operators.

I have not tested the other versions yet, they consist of an Incadesant Lamp in place of the High Value Resistor. The Handy Dandy Automotive Tail Lamp handles about 1 Amp at 12 Volts. me thinks it would be a good Quickie Sub for the High Value Resistor. I also tend to Carry an Electricians Lamp Socket in the Car. Screw in an Ordinary 100 Watt Light bulb and Plug it into an outlet for light, or use it in place of your Resistor, to Provide Temporary Ground.

The Principle is much the same as our common Wrist Strap Static Guard for working on Static Sensitive Circuits. Did you know that the simple action of pulling a few inches of Scotch Tape off of the Roll can generate up to 10,000 Volts of Static Electricity??? You Bet your butt it will. Secret Information form Bell Labs Research, Way back when. Did I mention 40 years in the Telecommunications Industry? Dear Mother Bell, We miss you so much. (Not a Joke). The Good old days are here right now...

My thoughts of a more professional version, NJ QRP Club Kit? Would be constructed with Welding Rod, Copper Pipe or Rods with the (10 MEG 1 or 2 Watt Carbon Resistor Built inside the handle, and Maybe a Bannana Jack Connector in the Handle to Connect the Stranded Wire. An Optional Sinker or Gator Clip on the Antenna End. How about a NE-2 and Resistor in parallel with the 10 MEG just to watch the Action :^)

For some fun connect a Small Kitchen Floresent Lamp to your Antenna at night. You might find it interesting. Better yet Put one on a long pole and walk it down your long wire while in beacon mode.

Enough fun and tips for tonight, I gotta get some sleep before I fall asleep at the keyboard...

Play Safe, and Live long...

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 28 Jun 2001 23:11:40 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101056] FOX: Thanks for the fun
Message-ID: <004d01c10051\$9ab6b260\$7df6a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

KD5KXF worked K4FB 0323 es W8RU 0343
Thanks for the fun foxes, this was excellent fun for a Thursday night!
Both foxes where booming here in Dallas TX area!

Date: Fri, 29 Jun 2001 00:12:09 -0400
From: adamvaz@palm.net (Adam Vazquez)
To: qrp-l@Lehigh.EDU
Subject: [101057] Fwd: Re: OT: Palm Computer Software
Message-ID: <GF0B0900.IY8@mo120uhou.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

www.tucows.com
www.palmbld.com
have a more extensive selection.

-- Forwarded Message --

>
>
>"Phinizy, William" wrote:
>>
>> Does anyone happen to
>have the URL for some
>ham-radio related Palm
>Software
>> -- freeware or shareware,
>of course! Graphical
>calculator software would be
>> nice as well..
>>
>
>Do a search at
><http://www.palmgear.com/>
>
>It's the mother lode of palm
>software. Ham-related
>stuff is limited,
>though.
>
>Phil W70X

Date: Thu, 28 Jun 2001 21:16:49 -0700
From: "Mark M." <markem@cervnet.com>
To: qrp-1@lehigh.edu
Subject: [101058] Handbooks For Sale
Message-ID: <3.0.6.32.20010628211649.007ee590@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Cleaning out the closet, I have some ARRL Handbooks I no longer need or have room for. They're all in good shape but with some wear...no loose pages or broken spines, tho...

Here's the list...prices include shipping:

1974 - Paperback - \$10
1979 - Paperback - \$10
1982 - Paperback - \$10
1990 - Hardback - \$12
1993 - Hardback - \$12
1995 - Paperback - \$12

I'll take check, money order, PayPal, or cash if you wanna risk it.

Email off-list if interested.

73... Mark AA7TA

Date: Thu, 28 Jun 2001 22:22:19 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [101059] Fox - Summer Hunt
Message-ID: <Pine.LNX.4.33.0106282157420.24035-1000000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: QUOTED-PRINTABLE

=2E..picture this...

Of course I got busy and forgot about tonight's fox hunt on 20 mtrs until there was about 15 minutes or so left in the hunt....eeeeeeegads!!.... so I hurried into the shack, turned the rig on and there was W4FB....called him, worked him and logged him....ok but what about W8RU? =2E...hmmmm....found him but Ron's signal was coming in and out during rapid QSB....there he is....call him....nothing but silence from my rig... what's going on?....have I become a Silent Key and just not fallen over?....pinch,pinch...felt that...I'm still breathing but I'm not keying my rig??.... quickly exam my Tick keyer, my K8FF paddle....time's running out.. quickly go through the =FFTick's modes....hearing strange things from the piezo speaker...I can only guess that after 3 years the batteries in my Tick keyer have gone flat?.... having gone through emergency plans A,B & C, it's time for plan DESPERATION!!... I grabbed my another paddle that looks like a Vibroplex bug.....pulled the input cord that goes into my rig from the output of my keyer....my arm tore upwards to grab two alligator clips hanging off my table light....hurry....hooked one side of the paddle up to the input of my rig.....and using my right thumb to press one side of the paddle I called the fox the old fashioned way ->> "manually"....hi hi.. a little rough but we made it....and this is just the beginning of the Summer Fox Hunt!!.....HAR!.....QRP! How sweet it is!.....

=2E.72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Fri, 29 Jun 2001 00:26:47 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [101060] Fox- K4FB quick report
Message-ID: <3B3C0387.7C81B92C@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

20m Fox Hunts are the best!

113 pelts handed out tonight. Just short of my 120 goal. 74 of the pelts were in the first hour. The last 30 minutes were pretty slow. I should have tried moving my transmit frequency. The digital noise was bad at times...but didn't last long.

I did run off freq and nail W8RU with one shot. The pack seemed to wait right where I left them!

Log out tomorrow.

73
Paul K4FB/fox

Date: Fri, 29 Jun 2001 00:30:20 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrpx-l@lehigh.edu, QRP-L@lehigh.edu, njqrx@njqrx.org, n9avg@amsat.org
Subject: [101061] [CONTEST] QRP Contest Calendar - July 2001 Revised
Message-ID: <3.0.6.32.20010629003020.008245b0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Late Changes.....

~~~~~  
QRP CONTEST CALENDAR

## July 2001

~~~~~  
Summer Fox Hunts - 20 Meters CW QRP - Fri 0200z - July & August

Details: <http://www.mtechnologies.com/cqc/sfox/index.htm>
~~~~~

Summer CUB Fox Hunts - 20M CW QRP - Wed 0200z - July 4 thru Sep 5

Details: <http://www.wulfden.org/SummerCubFox/>  
~~~~~

RAC Canada Day Contest (CW/SSB) ... QRP Category

Jul 1 - 0000z to 2359z

Rules: <http://www.rac.ca/CANDAY.htm>

"Canada's Birthday Party on the air"
~~~~~

Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jul 3 - 0100z to 0300z

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

"Testing of lightweight radio gear for outdoor QRP expeditions"  
~~~~~

MI QRP Fourth of July Sprint (CW) ... QRP Contest!

Jul 4 - 2300z to Jul 5 - 0300z

Rules: <http://www.qsl.net/k8dd/miqrp/rules01.htm>

"Bonus points for home brew equipment"
~~~~~

Venezuelan Independence Day Contest (SSB)

Jul 7 - 0000Z to Jul 8 - 2400Z

Rules: <http://www.sk3bg.se/contest/yvdx.html>

"Work YV and anyone else"

~~~~~

Original QRP Contest (CW) ... QRP Contest!

Jul 7 - 1500z to Jul 8 - 1500z

Rules: <http://www.sk3bg.se/contest/origqrpc.html>

"ORIGINAL QRP rigs only"

~~~~~

IARU HF World Championship (CW/SSB)

Jul 14 - 1200z to Jul 15 - 1200z

Rules: <http://www.arrl.org/contests/announcements/rules-iaru.html>

"One of the best. Work anyone"

~~~~~

FISTS Summer Sprint (CW) ... QRP Category

Jul 14 - 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

"WHEN YOU'VE WORKED A FIST YOU'VE WORKED A FRIEND"

~~~~~

QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 15 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/sumhom.html>

"Test those homebrew rigs"

~~~~~


AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 21 - 1500z to Jul 22 - 1500z

Rules: <http://www.agcw.de/>

"More QRP Summer Fun"

~~~~~

Georgia QSO Party (CW/SSB) ... QRP Category

Jul 21 - 1800z to Jul 22 - 0359z

Jul 22 - 1400z to Jul 22 - 2359z

Rules: <http://secc.contesting.com/page3.html>

"Work GA Counties. Excellent Awards"

~~~~~

North American QSO Party (RTTY)

Jul 21 - 1800Z to Jul 22 - 0600Z

Rules: <http://www.ncjweb.com/>

"FYI.. 150 watt RTTY operation"

~~~~~

\*\*\*\*\*CANCELLED DUE TO HOOF & MOUTH CRISIS\*\*\*\*\*

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 22 - 0900z to 1200z (80 M)

Jul 22 - 1300z to 1600z (40 M)

Rules: <http://www.g4tsh.demon.co.uk/HFCC/Rules-2001/lowpower.htm>

"Outdoor Fun for the Serious QRPer"

~~~~~

RUSSIAN RTTY WW CONTEST

Jul 28 - 0000z to Jul 29 - 2400z

Rules: <http://www.sk3bg.se/contest/russrtty.htm>

"FYI.. QRO RTTY. All bands"

~~~~~  
Venezuelan Independence Day Contest (CW)

Jul 28 - 0000Z to Jul 29 - 2400Z

Rules: <http://www.sk3bg.se/contest/yvdx.htm>

"Work YV and anyone else"

~~~~~  
Islands On The Air Contest (CW/SSB)

Jul 28 - 1200z to Jul 29 1200z

Rules: <http://www.g4tsh.demon.co.uk/HFCC/IOTA.htm>

"IOTA DXpeditions Encouraged"

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!

Jul 29 - 1700z to 2100z

Rules: [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)

"Most outrageous venture for QRP Portable"

~~~~~  
Thanks to SM3CER, WA7BNM, ARRL and others
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.
Anyone may use this "QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)

72 de

**** QRP Contest Calendar ****

Ken Newman - N2CQ
N2CQ@ARRL.NET

<http://www.njqrp.org/data/contesting.html>
<http://www.n3epa.org/Pages/Contest/contest.htm>

Date: Fri, 29 Jun 2001 00:38:06 -0400
From: Pete Burbank <plburbank@kih.net>
To: enders@bolshoi.cc.misu.nodak.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101062] Re: FOX - Off to a Good Start! :-)
Message-ID: <5.0.2.1.0.20010629003342.00ab2a90@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Is this in the QRP spirit or what!!!
Nice going OM es hope to hear more.
73 Pete NV4V

Date: Fri, 29 Jun 2001 00:56:57 EDT
From: W2SH@aol.com
To: qrp-1@lehigh.edu
Subject: [101063] Re: Shortened Doublet, Lengthened Doublet
Message-ID: <36.17e8e8ff.286d6499@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

That piece of wire, if it is anywhere between about 0.375 and 1.3 wavelengths, will radiate in pretty much a bidirectional pattern at 90 degrees to the wire's axis. This assumes that the feedpoint is at the center. If the feedpoint is somewhat off of center, e.g. a Windom, or completely off-center, e.g., an end-fed Zepp, the radiation pattern will skew away from the feedpoint and towards the longer piece of wire. This is typical--the longer the wire in terms of the wavelength being radiated, the more the radiation pattern pokes its nose out the farthest end of the wire. There really isn't any justification for feeding a radiator off of center unless physical circumstances require that this be done--and these circumstances often arise. How one might center feed an antenna that was being trailed by a hydrogen-filled bag traveling forward at a hundred or so miles an hour is difficult, if not impossible, to imagine. And that is why an end-fed horizontal radiator is still called a Zepp--with a capital Z, the reference, of course, is to Count Ferdinand Graf von Zeppelin's airship. While not impossible, balanced feed is decidedly awkward in the case of

vehicle-mounted or kite-supported radiators.

So this means that a center-fed piece of horizontal wire can be counted on to provide a reasonably bidirectional pattern over a three-to-one frequency range. Thus a 37-foot wire will serve 30 through 10 meters. The bidirectionality is reckoned to occur in free space--a condition which terrestrial hams are unlikely to enjoy on a long-term basis. Nevertheless, if such an antenna is roughly a half wavelength, at its low frequency limit, above earth, the radiation's azimuthal bidirectivity prevails.

The 88-foot radiator previously referred to is at its best, in terms of maximum gain perpendicular to its axis, at 20 meters. The next best band is 30 meters, the next after that 40 meters, and after that would be 17 meters. Of course, loading (and therefore, obviously, radiation) can be achieved on 80, 15, 12 and 10 meters, but on these bands antenna lengths other than 88 feet will perform better.

Let's say that an 88-foot run (and this dimension is not critical, and can vary by plus or minus four feet) suits your real estate and that 20, 30, 40 and 17 meters are really where you most enjoy operating. Try to orient your antenna so that it will be broadside to the direction(s) you seek to work.

About 25 years ago, I had an absolutely marvelous antenna that was 86 feet long and hung 60 feet high. What made it so wonderful was that 21 feet below it was hung another 86-foot length. The two radiators were each center fed and connected together with a 21-foot phasing line. This phasing line was transposed between the top radiator and the bottom one. An open-wire feedline attached to the bottom radiator and led to the antenna tuner in the shack. I tried attaching the feedline to the phasing line's midpoint, but results were unsuccessful regardless of whether the phasing line between the two radiators was transposed or not. This antenna worked gangbusters on 20, very well on 40 and well on 15 (30 and 17 meters were not amateur bands in those days). The antenna's design was not original with me, but rather was described by VK2SA in October 1955 QST.

Visitors to the L.B. Cebik website will see his description of the expanded lazy H, i.e., two extended double Zepps, stacked and fed in phase. He attributes this antenna to John Schultz who published an article in CQ magazine for November 1968. This is incorrect for the expanded lazy H was actually developed by Woodrow Smith, W6BCX and described by him in the July 1939 issue of Radio magazine. Here the recommended length of the two radiators was 87 feet, and the spacing between them was 49 feet. Maximum gain occurs with a broadside spacing of about five-eighths wavelength, which is what 49 feet is at 20 meters. The phasing line was not transposed and the feedline connected to the bottom radiator. An improved feed system was described in the same publication 10 months later. Here the spacing between the radiators was the same, but the untransposed phasing line became 12 percent longer than the spacing, and the feedline attached to the phasing

line at a point 12 percent up from the phasing line's connection to the lower radiator.

The VK2SA version of the expanded lazy H certainly has less gain than the W6BCX original. Moreover, the technical staff at ARRL in 1955 didn't figure out how closely in phase the two radiating elements were operating. Nevertheless, the vertical space requirements of the VK2SA antenna are less than those of the W6BCX antenna, and it sure worked FB for me.

GL,

Charles, W2SH

Date: Fri, 29 Jun 2001 00:31:03 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: plburbank@kih.net, qrp-1@lehigh.edu
Subject: [101064] Re: Fox- confusing time.
Message-ID: <3B3BCC47.10643.2201AF7@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Pete--

>>The Time box at the website is a bit confusing however.
It states Thursdays (US local) 0100 Z Friday 0200 Z

I can't figure out what you are looking at. What website? The schedule is at <http://www.cqc.org/sfox/sched.htm> and every hunt says 0200Z, and no reference to Friday. FTR they will ALL start at 0200Z. And that's always Thursday evening here in the US.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Thu, 28 Jun 2001 23:32:48 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [101065] Almost missed the foxes
Message-ID: <20010628233248.A17844@oz.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

My wife and I were out running some errands and I thought that it was too late to hunt foxes when I got back at 0315. Just to make sure, I went to the fox web site and checked the rules. I discovered that the schedule was an hour later than I had thought! I rushed out to the shack and bagged K4FB at 0347 and W8RU at 0351, just in time. At least there wasn't much competition that late.

Signal levels were all over the place and it took me a while to find Ron, but just after I worked him he peaked at S-9.

Bob, N7XY
Bainbridge Island, WA

Date: Fri, 29 Jun 2001 00:26:41 -0700
From: ldmartin <ldmartin@pacifier.com>
To: qrp-1@Lehigh.EDU
Subject: [101066] Miracle Whip Antenna --- Ummm
Message-ID: <3B3C2DB0.8EFC2C8@pacifier.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi: Finally got to borrow that july qst and read about this antenna. Having read the other comments posted here and noting the price climbs and product shipments sold out can you refer a fellow parts scrounger to the types of castoffs i might find the rheostat in . I can swing a few bucks for the rest.. but no way new....I've got daycare to pay for.... Lonn AC7EK TU

Date: Fri, 29 Jun 2001 08:45:37 -0700
From: "Gary O. Lyons" <drgary@urx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [101067] Re: FOX - Off to a Good Start! :-)
Message-ID: <000101c100b2\$8bd2a0e0\$11d56bce@G_Lyons>
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-8"
Content-Transfer-Encoding: 7bit

Well done Todd. I heard you in there and the rig sounded very nice indeed.
Enjoy the new TX.

72
Gary/NQ7T

Date: Fri, 29 Jun 2001 10:06:49 -0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [101068] Re: Miracle Whip Antenna --- Ummm
Message-ID: <F139tJLtosJ3Ih7jtrS0001acea@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Lonnn... If I remember correctly, and it has been a while (hi hi) there were wire wound rheostats of that type used in the small handheld controllers for the racing sets and some toy train sets. I am positive that it was "pre-chip" days (1960's) when I saw them, so you might look around flea markets or "junque" shops for them. I don't know if the currently made ones use the rheostats or a standard pot and some associated solid state circuitry. Hope that this helps.

Dennis - WB0WAO

>From: ldmartin <ldmartin@pacifier.com>
>Reply-To: ldmartin@pacifier.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Miracle Whip Antenna --- Ummm
>Date: Fri, 29 Jun 2001 00:26:41 -0700
>
>Hi: Finally got to borrow that july qst and read about this antenna.
>Having read the other comments
>posted here and noting the price climbs and product shipments sold out
>can you refer a fellow parts
>scrounger to the types of castoffs i might find the rheostat in . I can
>swing a few bucks for the rest..
>but no way new....I've got daycare to pay for.... Lonnn AC7EK TU
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Fri, 29 Jun 2001 06:57:46 -0400
From: "N2ZW" <n2zw@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101069] FS: OHR-500 and DD-1
Message-ID: <008901c1008a\$54dad940\$6cd60318@union1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE:

Oak Hills Research OHR-500 5-band QRP CW transceiver and DD-1 digital frequency display. Includes assembly manuals for both.

Rig covers 15, 20, 30, 40 and 80 meters.

I'm the original owner of the rig.

It is mint condition (+ the manuals) with low hours and only used in the shack.

Looking to build next rig.

Selling as a package only for \$340 + shipping (from zip 07076).

72,
Jerry
N2ZW
NJQRP #108 FISTS #5460
QRP ARCI #9577 QRP-1 #1371

Date: Fri, 29 Jun 2001 06:11:01 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101070] Re: Genuinely Interesting IC of the Week
Message-ID: <3B3C6245.1B62E719@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looks like a very interesting chip, unfortunately it's max volt out is

just 5V.

There is an evaluation kit available (MAX1774EVKIT, price unknown).

Here is the link to the spec. page:

http://dbserv.maxim-ic.com/quick_view2.cfm?qv_pk=2375

Since this chip was designed for the PDA/laptop market and a switching regulator, it may be very noisy!

Good luck

Randy KB8AS0

Henry Freedenberg wrote:

> Has anyone on the list seen the MAX 1774 from Maxim
> (www.maxim-ic.com). This is a new power management IC that
> has everything but a glide slope and localizer. It monitors device
> battery voltage, backup battery voltage and wall wart voltage
> simultaneously. It can switch between the three sources as
> appropriate. If all sources are depleted, it signals the system to
> shutdown. There gotta be a qrp use for this thing.

>

> Henry

--

"Hold your head up high and let your spirits fly, keep hope alive, deep inside and your dreams will never die..." KISS-"We Are One"

Date: Fri, 29 Jun 2001 07:20:08 -0500

From: "Jim" <n0ur@mn.mediaone.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Cc: "MNQRP" <mnqrp-l@qth.net>, "MWA" <MN-WIRELESS-ASSN@makelist.com>

Subject: [101071] New Postal QSL Rates

Message-ID: <000901c10095\$d66a43a0\$dd562942@mn.mediaone.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

As of July 1st, the correct postage for a postcard/QSL is .21 cents, a 1

cent increase. Still not a bad deal. The first 1 once letter rate is unchanged at .34 cents.

Date: Fri, 29 Jun 2001 06:26:51 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [101072] Fox Good Fox's
Message-ID: <Pine.LNX.4.33.0106290620560.1231-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Boy did we have good conditions? I pointed my beam at Paul and he was 599! After finding where he was listening I worked him. Then went back to catch the last of a movie with the wife, and then found Ron calling CQ-FOX. I called him and he needed a fill. Got it done and THEN turned the beam a bit north and he peaked up at 599 as well.

The propogation Gods were good to the first Summer Hunt. It sure is nice.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 29 Jun 2001 08:20:15 -0400
From: "Ham" <k1vp@grizzly.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101073] Re: Fox Good Fox's
Message-ID: <015101c10095\$db0d65e0\$0e01a8c0@office.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, June 29, 2001 8:26 AM
Subject: Fox Good Fox's

>
> Boy did we have good conditions

Boy I guess we sure did. I gave both 599 because that is what the S-meter said.

Very strong into NH last night.

After a year off, it was fun to go fox hunting again.

Ed Lawson
K1VP

Date: Fri, 29 Jun 2001 07:42:09 -0500
From: "Jim" <n0ur@mn.mediaone.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "MNQRP" <mnqrp-l@qth.net>
Subject: [101074] Safe log backup
Message-ID: <001d01c10098\$e9d58c80\$dd562942@mn.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With of 10 years of QSOs on my logging program, it would be a real shame to loose it all with a computer crash, or natural disaster. I would just keep my log backup in a drawer next to the computer, which would cover the crash, but not other disasters.

I just discovered "Yahoo Briefcase", which is a free service in which you can send, and store files. I already have a email account with Yahoo, so I just put my file in my "briefcase", and feel a little safer about keeping my log files.

I don't know if I would put my personal financial files in there, but I am comfortable with my log.

Just go to Yahoo.com, and click on the Briefcase icon and follow directions.

Hope some folks find this useful

Jim NOUR

Date: Fri, 29 Jun 2001 08:40:05 -0400
From: "Mark Sailer" <n2jtw@yahoo.com>
To: "QRP_L" <qrp-1@lehigh.edu>
Subject: [101075] FS: Shack Cleaning - updated
Message-ID: <NFBBKNOCMLHLBPPIEBNEKENOCBAA.n2jtw@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following which is surplus to my needs:

- 1) Bencher Chrome Iambic Paddles w/1/8" plug
Excellent condition \$85
- 3)MFJ Switching Power Supply MFJ-4225MV 25 amps
Excellent condition \$90
- 5) Radio Shack 3amp 13.8vdc Power Supply
Cat No. 22-503 K2 owners favorite supply \$25
- 8)Heil BM-5 Headset with HC-5 mic element \$45
- 9)Heil adapter cable for BM-5/10 to Icom radio with 8 pin mic jack \$10
- 10)NJQRP 80m Squirt Antenna (unbuilt) \$20
- 12)Ameritron RCS-8V Remote Coax Switch \$100
- 13)Alpha Delta DELTA-2 2 position coax swith S0-239 connectors \$30
- 14)Alpha Delta DELTA-4 4 position coax swith N connectors \$50
- 15) 100ft FLEXI-4XL coax unused \$40

I'll have more stuff available as I clean up my storage room
Email directly please at n2jtw@yahoo.com

Thanks
Mark

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 29 Jun 2001 08:40:52 -0400
From: "Brian" <bmurrey@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101076] Re: New Postal QSL Rates
Message-ID: <000701c10098\$bb8acf70\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still one of the best bargains out there. The US Postal Service is really a pretty remarkable machine.

73

----- Original Message -----
From: "Jim" <n0ur@mn.mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, June 29, 2001 8:20 AM
Subject: New Postal QSL Rates

> As of July 1st, the correct postage for a postcard/QSL is .21 cents, a 1
> cent increase. Still not a bad deal. The first 1 once letter rate is
> unchanged at .34 cents.
>
>

Date: Fri, 29 Jun 2001 08:45:55 EDT
From: ARDUJENSKI@aol.com
To: talljazz@teleport.com, qrp-l@lehigh.edu
Subject: [101077] Re: Vertical Info
Message-ID: <126.bd7309.286dd283@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There have been a few asking about the degrees on the vertical chart. That refers to the height (length) in wavelengths of the vertical whereby 360 degrees is one wavelength, 90 degrees is 1/4 wavelength, etc.
Alan KB7MBI

Date: Fri, 29 Jun 2001 08:49:38 EDT
From: K5BDZ@aol.com
To: qrp-1@lehigh.edu
Subject: [101078] SWR/Pwr meters - simplified
Message-ID: <122.fb99ec.286dd362@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

What we need is another thread...right?

Lately I've seen a number of fellow hams getting rid of their favorite SWR or Power meters because either they "won't work" or "they won't read what I want it to read"... Well, as long as the meter movement is good, keep the meter and build a simple RF Sensor unit to fit your needs.

The three basic parts of the SWR/Power meter are:

1. RF Sensor
2. Calibration unit
3. Meter (or other, LED) read-out unit

The RF Sensor is a simple pick-up circuit (I prefer the Stockton Bridge) that has two considerations, namely power levels (QRP or QRO) and frequency range (HF, VHF, etc)

The Calibration unit is usually very simple, namely a potentiometer for SWR meters, or for power meters, a trimpot for forward (or in the case of two meters, add a trimpot for reflected) for each of the wattage level ranges desired.

Third is the meter - or meters in the case of reading fwd and ref simultaneously. OR LED readouts, OR a combination of all.

The most often found problems areas is building new - or troubleshooting commercial units - I've found are as follows:

1. Never trust a coax connector installed with rivets!!!!!! Drill out rivets and replace with screws!
2. Never allow the RF Sensor "Ground" return to flow thru the metal of the cabinet to the IN and OUT coax connector. Pick a good ground "negative connection" point of the RF sensor and run a wire from that point to the In coax connector AND the Out coax connector.
3. If building the Stockton or similar bridge, wind both coils the SAME direction.
4. If building new or repairing old sensors by winding new RF sensor coils, remember the direction of winding the coils will determine the IN or OUT connections. If your tests indicate "backwards" readings, either switch (SWAP) connections OR (if you have special needs to connect as before) take

out the coil(s) and rewind them the opposite direction to insure proper voltage flow and make the connections read properly.

5. Yes, voltage doubling does work in these sensor units, but from my prototyping experience it adds so little, it's not worth the effort. The "plain ol' single diode per leg" circuits work best... and for QRP levels matched germanium diodes work wonders.

Building SWR / RF Watt meters is simple and fun. Kenwood used this same basis and sold hams meters with different SWR sensors for various power levels and various frequency ranges... for a few hundred dollars.

I have a great (flea market special) dual meter, calibrated power/SWR unit with Switchable separate sensors for QRP, QRO - both HF - and 50 watt VHF capabilities, all for under \$5~!

Best of all, it matches my other station controls, and is accurate!

Have fun... and any club mags that want to reprint this, be my guest. I'll bet the thread has some other great ideas along these same lines, including IC circuits for various enhancements. What ever the suggestions, start simple... you can always add AFTER you build a simple circuit that you KNOW is working to start with.

Bill K5BDZ

Date: Fri, 29 Jun 2001 09:13:55 -0400
From: "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
To: qrp-l@lehigh.edu
Subject: [101079] FS: Wilderness Sierra and TT Xverter
Message-ID: <1668590144.993806035@oes-madams.facilities.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Gang,

I have a great desire to get into VHF/UHF/Microwave portable operation and need to sell some gear to buy some gear. So here it goes.

#1. Wilderness Sierra with KC-2, NB, all band modules 160-10 (8W on 160M - 1.5W on 10M) and NTE 342 Mod with back panel power adjustment. There are no marks on the rig. Manual and documentation on the mods. This rig is 100% mechanically/electrically and 99% cosmetically. I will include a nice 10 AA battery holder and a power cord.

The first \$435 takes it away and I will pay for USPS priority mail to the USA. This is a really nice rig!

#2. TenTec Transverter 20M - 6M. Nicely assembled. 100% mechanically/electrically/cosmetically. I used this tranverter primarily with the Sierra. It makes a nice CW package. I will only sell this item AFTER the Sierra is sold as it is my only way to get on 6M.

The first \$105 takes it away and I will pay for USPS priority mail to the USA.

Thanks,
Mark K2QO

Mark S. Adams, P.E.
University at Buffalo
Occupational and Environmental Safety
220 Winpear Avenue
Buffalo, NY 14215-1034
Tel: 716.829.3301 Fax: 716.829.2704
Pager: 716.774.2260

Date: Fri, 29 Jun 2001 09:10:55 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: unlisted-recipients;; (no To-header on input)
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101080] Re: Shortened Doublet
Message-ID: <1010529091057.JAA25307@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/27/01 4:22 PM, Phil Wheeler at w7ox@earthlink.net wrote:

>Even more than two ... which is why I referred to the article vs. trying
>to synopsise it here. Those who are interested should read LB's
>excellent discussions of this and other antennas: Great web site!

I'll second that. LB Cebik is a master at antenna modelling analysis. His articles are clearly written, easy to understand and packed with information.

Bill Coleman, AA4LR, PP-ASEL

Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Fri, 29 Jun 2001 09:11:07 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [101081] FOX - Bagged both
Message-ID: <1010529091107.JAG25307@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Dialing my Kenwood 430 down to 5w (ok, it was more like 4, I don't fully trust the wattmeter on the AT-250, and I certainly didn't want to cheat), I worked on W8RU for a while, then tuned up the band to work K4FB. These guys are great foxii, showing their CW skill.

W8RU was water weak. I gave him a 529, but it was more like a 329. QSB took him in and out of the noise. But 20m isn't the optimum band for the MI to GA path.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Fri, 29 Jun 2001 07:28:23 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Flying Pigs" <fpqrp-1@mpna.com>
Subject: [101082] SWL: Radio Netherlands
Message-ID: <005d01c1009f\$5fb9b290\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Based on the response I got about RN, thought I post these web addresses:

Radio Netherlands general site:

<http://www.rnw.nl>

Text of press release announcing BBC Frequency usage:

<http://www.rnw.nl/realradio/html/pressrelease010628.html>

Other press releases:

<http://www.rnw.nl/realradio/html/medianews.html>

Programming & Schedules:

<http://www.rnw.nl/en/index.html>

Shortwave RCVR reviews:

http://www.rnw.nl/realradio/rx_index.html

"media Network::

<http://www.rnw.nl/realradio/index.html>

Consider this an RN "subweb" lots of good info, Space WX, technology guide, Radio related software reviews & much more.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001

<http://www.qsl.net/n0rc/hamfest/hamfest.html>

BE THERE!

Date: Fri, 29 Jun 2001 09:28:47 -0700

From: paul taylor <ptay1@bestweb.net>

To: qrp-1@LEHIGH.edu

Subject: [101083] test2

Message-ID: <3.0.32.20010629092847.0069ec34@pop.bestweb.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 29 Jun 2001 09:39:27 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ldmartin@pacifier.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [101084] Re: Miracle Whip Antenna --- Ummm
Message-ID: <3B3C850E.EA6DE2B8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is nothing new about the use of a variable inductor to help tune an antenna. I believe Ten Tec did this almost 20 years ago. It takes some care to be sure that you are getting positive contact between the wiper and the coil, and that the wiper only contacts one turn at a time. If the wiper contacts several turns at a time you run the risk of seriously reducing the matching capability of the tuner. And remember, as with any short vertical (or even end fed wire) antenna, its performance ultimately depends on the quality of its ground!

73

Date: Fri, 29 Jun 2001 09:38:43 -0400
From: <brownh@hartford-hwp.com>
To: k5zty@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [101085] Re: stolen K1
Message-ID: <200106291338.f5TDchZ17704@hartford-hwp.com>

> It would be a nice service of Elecraft to keep a list of stolen
> Elecraft serial #s so that if one showed up back there for service
> it could be recognized.

Not just stolen, for if a used K1 or K2 comes on the market, it would be nice to know its pedigree, perhaps even to contact its previous owners (and modifiers) by e-mail for information or advice.

Haines KB1GRM

Date: Fri, 29 Jun 2001 10:28:28 -0400

From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-1@Lehigh.EDU
Subject: [101086] FS:Varactors BB204B
Message-ID: <3B3C908C.BEED1EAE@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BB204B dual common cathode in a to-92 package. Typical value of
60pF@0.8v and 25pF@8v. Same spec as mv104 that Dan's sells for \$1.65.
10/\$3 30/\$7 100/\$20 shipped.

72,
Craig NR4E
Melbourne, FL

Date: Fri, 29 Jun 2001 11:07:32 -0400
From: Pete Burbank <plburbank@kih.net>
To: mgemm@mtechnologies.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101087] Re: Fox- confusing time.
Message-ID: <5.0.2.1.0.20010629110322.00ab8690@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:31 AM 6/29/2001 -0600, Marshall Emm wrote:

>Hi, Pete--
>
> >>The Time box at the website is a bit confusing however.
>It states Thursdays (US local) 0100 Z Friday 0200 Z
>
>I can't figure out what you are looking at. What website? The schedule
>is at
><http://www.cqc.org/sfox/sched.htm> and every hunt says 0200Z, and no reference
>to Friday. FTR they will ALL start at 0200Z. And that's always Thursday
>evening here in the US.
>
>
>Marshall Emm, N1FN
>Milestone Technologies, Inc.
>(303) 752-3382
><http://www.mtechnologies.com>

This is amazing! The confusing time box is not there anymore. I must have
been hallucinating. (again) :-)

73 and tnx for your efforts.
Pete NV4V Kentucky

Date: Fri, 29 Jun 2001 11:15:11 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101088] Re: Shortened Doublet
Message-ID: <012c01c100ae\$4b265f40\$ae03b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>His articles are clearly written, easy to understand and
>packed with information.

.....and so is his website <http://www.cebik.com/> one that should be
"bookmarked" by anyone who plays with antennas.

73,
Dick K2JQ

Date: Fri, 29 Jun 2001 19:53:14 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [101089] QRM's on 40m
Message-ID: <20010629155427Z8071-296+1466@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=KOI8-R
Content-Transfer-Encoding: 7bit

Dear HAMS!
There are many broadcast stations in Europe at 40 m band around 7100 to
7500 kHz. I wonder, are they QRM in US-air? Since I knew the amateur band
in USA is 7000 to 7300, isn't so?
Hot wishes!

72 & 73! de RV3GM/QRP
eng. Oleg V. Borodin
E-Mail: master72@lipetsk.ru

ICQ # 120927149
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
Trcvr's kits for QRPers at Web <http://www.qsl.net/rv3gm/>

Date: Fri, 29 Jun 2001 09:09:59 -0700 (PDT)
From: paul taylor <ptay1253@yahoo.com>
To: qrp-1@LEHIGH.edu
Subject: [101090] test disregard
Message-ID: <20010629160959.36302.qmail@web14309.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Fri, 29 Jun 2001 10:14:02 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [101091] TICK keyer problem
Message-ID: <Pine.LNX.4.33.0106290956340.30697-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: QUOTED-PRINTABLE

This is further to my posting re my adventures during the first Summer fox hunt during which my keyer seemed to go berserk and I had to quickly improvise (thus the term "ham") in order to catch the second fox...
=2E..it was NOT the fault of the TICK keyer which is the original version.
=2E..it was NOT due to the batteries going dead...I power it with 3 AAAs and
d
the voltage measurement, after 3 years, is 4.1 vdc.
=2E..when I tried to operate the keyer with 2 different paddles it would either not produce anything or it would produce dits/dahs at a blazzzzzzing speed such that I could not tell the dits from the dahs.
=2E..so I began going through the modes listening to the little piezo speaker...somehow through fiddling around with the modes and hitting the dah/dit on the paddle, the speed suddenly slowed down to a VERY slow speed...so I began going through the modes again carefully reading the

FUNCTION of each...I came to the "K" mode which reads "KEYER mode: If the user releases the pushbutton, keyer returns to normal operation."... and=FF I did and it did!....all is well now...I took my keyer and paddles out to Field Day in a bag along with other items....here's what I think happened...after Field Day, I put my "things" back in the bag for the trip home...during this time the pushbutton must have been accidentally activated and the keyer went into "M" mode....using the "K" function returned it to normal mode....the fun and learning never stops eh!?!....;-))

=2E..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Fri, 29 Jun 2001 09:26:22 -0700 (PDT)
From: agtaylor@llnl.gov
To: qrp-l@lehigh.edu
Subject: [101092] Re: Activating Pikes Peak Friday and Saturday Evenings
Message-ID: <200106291626.JAA17622@poptop.llnl.gov>
MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

Worked N0BN/m this morning as he was enroute to Pike's Peak. He was peaking S6 on the vertical. His speed was more like 20 wpm, too. I hope to snag him later on from Teller County (i.e., Pike's Peak).

K7GT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Fri, 29 Jun 2001 12:27:02 EDT
From: Shephed@aol.com
To: <qrp-l@lehigh.edu>
Subject: [101093] July issue of the Bacon Bits
Message-ID: <89.8a881f5.286e0657@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hello all,

The July issue of the Flying Pigs newsletter is now on-line at:

<http://www.mpna.com/fpqrp/news.html>

While your there, go over to the main page at:

<http://www.mpna.com/fpqrp/> and check out some pics from our Field Day adventure.

(Thanks to Brian, KB9BVN for the page!)

72, oo

Dan, N8IE

FP-qrp #-6

Date: Fri, 29 Jun 2001 09:52:34 -0700

From: Russ Carpenter <russ@natworld.com>

To: QRP-L List <qrp-l@lehigh.edu>

Subject: [101094] Don't Miss THE SPARTAN SPRINT ON MONDAY

Message-ID: <B761FFBE.8680%russ@natworld.com>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

The July Spartan Sprint will be held on Monday, July 2, 2001 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT. In terms of UTC, start at 0100 and finish at 0300, Tuesday.

2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."

5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint. We use decimal pounds, rather than pounds and ounces. You may report your weight to the nearest 10th of a pound, or, at your option, the nearest 100th of a pound. For stations weighing less than one pound, we recommend the nearest 100th of a pound.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station. You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 29 Jun 2001 13:12:35 EDT
From: SSmith9831@aol.com
To: <qrp-1@lehigh.edu>
Subject: [101095] SWL signal report
Message-ID: <e3.16d6289d.286e1104@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi-

Just received a "Signal Report" card from a Dutch Shortwave Listener requesting a QSL card to verify my contact with LZ1LZ. There is a number on the card (NL-12433 R22) which I assume is the listeners ID number of some sort. Is there a standard method for filling out my QSL card to reflect the actual QSO and show that it is to confirm a third party signal report? Do I put the listeners Number/Call on the front of my card and put the original QSL info on the back? It says on the card to QSL via the Dutch Buro.

Thanks,
Steve
KI0MZ

Date: Fri, 29 Jun 2001 10:19:46 -0700
From: Jeff Stai WK6I <jstai@home.com>
To: SSmith9831@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101096] Re: SWL signal report
Message-ID: <5.1.0.14.2.20010629101554.0952d6a0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi - QSL using the ID number as if it were a callsign - with the usual date, time, band, mode QSO data - and indicate that you were in QSO with LZ1LZ as a note next to the QSO data. Oh, and if you have words like "2-way" on your card, cross them out.

congrats on getting an SWL card - it means you were worth listening to!-)

73 - jeff wk6i

At 10:12 AM 6/29/01, SSmith9831@aol.com wrote:
>Hi-

>

>Just received a "Signal Report" card from a Dutch Shortwave Listener requesting a QSL card to verify my contact with LZ1LZ. There is a number on the card (NL-12433 R22) which I assume is the listeners ID number of some sort. Is there a standard method for filling out my QSL card to reflect the actual QSO and show that it is to confirm a third party signal report? Do I put the listeners Number/Call on the front of my card and put the original QSL info on the back? It says on the card to QSL via the Dutch Buro.

>

>Thanks,

>Steve

>KI0MZ

jeff stai

radio stuff: WK6I in DM13

rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.

email: jstai@home.com or wk6i@arrl.net

ROC web page: <http://www.rocstock.org/>

LDRS web page: <http://www.ldr20.org/>

Date: Fri, 29 Jun 2001 13:24:50 -0400

From: John Wagner <john@neknetwork.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [101097] FOX: Still have openings for Cub Foxii!

Message-ID: <3B3CB9E2.4F3A1B87@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

We still have openings for two Cub Foxii in the summer hunt. I would rather fill these positions with ops who haven't had a chance to be a fox or cub fox. It's a LOT of fun. Remember, the Cub Fox hunt is a slow speed 10-13 wpm hunt, so if you're new to CW, this is a GREAT WAY to improve your skills.

Please reply to me directly with the following info:

Name:

Call:

Email:

Phone #:

Timezone:

Describe your 20m setup (briefly):

CW Speed (slow is OK!!!):
Preferred dates (pick 2):
Any Tues between 7/3/01 and 9/4/01 that you CAN'T be a fox:

Thanks es 73 de John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Fri, 29 Jun 2001 14:41:25 -0400
From: "Brian" <bmmurray@amexol.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [101098] Anti Theft
Message-ID: <001701c100cb\$1a31ffd0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was watching Roger Rabbit the other night, Jessica is such a total babe.
Anyway, I saw something that we may want to incorporate into our rigs.

Let's say your rig is stolen. In your rig is a chip that is waiting for
Elecraft Central to issue a command. Elecraft is informed your rig is
stolen, it activates the signal, the chip then triggers a small solenoid
that then pops the top of the rig open. Immediately a large rubber mallet
on a springy hinge thingie flies out and smashes the op in the groin, head,
and knee while at the same time causing the key/paddle/bug to heat to a
temperature of 950 F.

THEN, because of the onboard GPS it can relay it's whereabouts to Elecraft
Central. They call you, you go get your rig.

It's just that simple.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Fri, 29 Jun 2001 14:59:44 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bmurrey@amexol.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [101099] Re: Anti Theft
Message-ID: <002301c100cd\$ace578a0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seriously...

A number of years ago, there was talk of having an "ID" capability to certain rigs. These would broadcast a 'chirp' with a serial number or license call or just 'something' that was 'traceable' on every transmit.

But I wonder... Why couldn't a manufacturer 'hide' a function in a radio, especially one with 'tnc' capabilities.

Now, you wouldn't want that to transmit the 'special id' all the time. And you wouldn't want 'normal' radios to transmit that when they weren't stolen.

But how about when a rig is stolen, you (or anyone for that matter) can transmit a 'compliment' to that ID. Once that is received by a radio, if it matches, then it will 'randomly' burst out it's ID occasionally but ONLY at the tail end (like APRS) of another transmission.

A couple of points here.

First, the rig would NEVER transmit on it's own. ONLY as an appendage to another transmission, data or voice.

The rig would ONLY do this 'OCCASIONALLY' (and randomly) for a limited number of times after it was triggered. So it might not even be noticed.

To use the system, someone just 'joins in' on normal conversations, drops out the 'trigger stream', then records everything for a while afterwards. If the stolen rig is in the area and being used, you'd likely

record someone using it, and you'd have a voice and maybe even a call from the usage.

ONLY that specific rig responds to the trigger, no other rigs.

Being random, means the rig would be useless for legit HAM operations if the operator thought it 'might' be triggered and would get him caught.

OK, then we can play like a Massod... Small block of something nasty in the rig, trigger that after you transmit real soft into the mic and make the guy at the other end lean close to hear and....

Mike

Date: Fri, 29 Jun 2001 12:24:36 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [101100] Re: Anti Theft
Message-ID: <F89kI063RA5C2duiiQ000010d13@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Another solution is a removable portion of the radio that is keyed to the base unit. Without the removable bit, the radio is useless. Lots of radios do this. Even some ham ones.

The cheap junky CD player in my car does - take the faceplate with you when you park the car (it even comes with its own little carrying case) and the rest of the unit is useless.

Any solutions that involve having the radio ID itself would require careful implementation to make sure the system couldn't be circumvented with a pair of wire cutters. Build it in to the code of a DSP modulator...

Oh. Sorry. No technology please. We're hams.

:--) :--) :--)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."

ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Fri, 29 Jun 2001 15:22:47 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <sjolin@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101101] Re: Operating Procedures
Message-ID: <1010529152248.PAA27564@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/27/01 1:35 PM, Dave Sjolin at sjolin@swbell.net wrote:

>One second may be an extreme but two full seconds should be plenty of
>time.

I don't think so. There are lots of folks who aren't too quick on the key or the PTT. I've had a number of times calling CQ with no answers, only to give an extra-long pause and have a shy voice pipe up! Sometimes they are out there listening. When things get slow, it's time to vary the routine.

>If someone in a major contest starts spending five seconds between
>calls, he's going to be inviting others to come along and start calling
>CQ on his frequency because it obviously isn't busy. <GRIN>

Contest operation is a little different from the more casual CQing we were discussing.

I've used the REPEAT feature in CT when I'm at NQ4I's. To me, anything less than 3 seconds is too short. More than 5 seconds gets tedious. Of course, this is during a major CONTEST.

>In smaller contests, longer pauses are probably worth while because
>there is not that much activity and you want everyone you can get. In
>the big contests, especially with the real competitors, they are going
>to be so busy that if you can't key up in one or two seconds you will
>have to wait until Sunday afternoon to work them.

I hate the guys who call CQ, listen for less than a second and call CQ again. That's poor operating. Good contest operating requires almost as much listening as transmitting. The more I learn about operating, the more I understand that LISTENING is the key skill.

For all the guys who are anxious about more than a second of dead air, for fear they will lose their frequency -- if they are doing a lot of CQing and not getting answers, then the frequency isn't as good as they think it is. The competition for frequencies isn't so fierce that you can't squeeze in somewhere -- or for QRP (or even low-power) guys, you may have to S & P anyway during these periods.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 29 Jun 2001 15:28:15 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <nkennedy@tcainternet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101102] RE: Operating Procedures
Message-ID: <1010529152815.PAA27960@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/27/01 9:44 PM, Nick Kennedy at nkennedy@tcainternet.com wrote:

>How long a pause you use in a contest probably depends on how fast you're
>operating. TR-Log has an auto-CQ function that counts backwards in 0.5
>second increments until the next CQ. I adjusted it until it felt right and
>found that I had about 3 to 3.5 seconds. You have to leave enough time for
>an answer but if you take longer than that, someone's gonna grab your
>frequency!

This grabbing of frequency is a myth. Frankly, the guys who steal a frequency won't care if you are transmitting or not. <grin>

Listening a bit longer is sometimes helpful. If you're calling lots of CQs, the frequency isn't that great anyhow.

>I usually vary my technique though, knowing that some ops aren't gonna come
>back that quickly.

Good operating practice!

>I'll also slow my sending speed on occasion to get
>those that won't answer the fast CQs. I'm not really being polite--just
>trying to maximize my QSO count. (Not that I'm against politeness ...)

CW speed is an excellent way to control a pileup. When the pileup is big, cranking up the CW speed thins it out. Conversely, slowing down tends to build the pileup back up.

I remember working the 10m station at the NQ4I M/M for WPX CW 1999 (where we took #1 USA M/M). Rick, NQ4I and I were switching off every couple of hours. Rick prefers a CW speed around 32-36, whereas I'm more comfortable at 24-28.

EVERY TIME, we would switch operators and get a flurry of calls. The key was we changed speed, thus enticing different operators to call us.

>Sometimes late in the contest, I'll call CQ and then drift off and forget
>who I am, where I am and what I'm doing. After an eternity (about 10
>seconds) I'll come to my senses and be about to start another CQ, when some
>guy will come back to me. That always brings a smile.

Caffiene can help with the drifting off part <grin>.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Fri, 29 Jun 2001 15:42:55 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [101103] Activating
Message-ID: <5.0.2.1.0.20010629153608.00aa3290@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Perhaps I need enlightenment but does "Activating" a trail or mountain indicate some sort of geologic event?.....Like a volcanic eruption? Well like the 2 meter guys say....I'm destined.....:-)
Nomex suit here
Pete NV4V

Date: Fri, 29 Jun 2001 13:05:32 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101104] Camping on Catalina Island - DSW-40 in tow.

Message-ID: <006301c100d6\$db758d00\$5214f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guys and Gals,

I'm getting ready for a camping trip to Catalina Island today and have my DSW-40 packed along with me (Thanks Dave, it's still my favorite QRP Rig!!!). I'm hoping to have time to enjoy a few QSO's while there. Don't know what times I'll be on, but I'll be around 7.040 +/- 10 KC and also around 7.110 +/- 10 KC. I'll be on the island for 4 nights starting this Saturday and will be returning on the afternoon of the 4th. Hope to hear you on the air!

72/73
Trev
KG6CYN

Date: Fri, 29 Jun 2001 12:59:21 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "QRP-l Forum (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [101105] QRP Forum at the ARRL SW Division Convention!
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B77199@hq-expo2.filenet.com>

Well, now that Dayton and Field Day are history, I'll bet you're looking at the calendar and saying to yourself, "HMMMM, not a lot going on between Fort Tuthill at the end of July and Pacificon in October." Well, you are about to get rescued from those doldrums. We're announcing the QRP Forum at the ARRL SW Division Convention -- and it's planned for Sept. 7-9, 2001 at the Convention Center in Riverside, California!

I know, it's not a catchy title like SmogCon, or SCQRPCon, or anything like that, but check out the planned activities:

We'll have speakers the likes of:

Doug Hendricks, KI6DS, "QRP - putting the fun back in Ham Radio"
Jim "Dr. Megacycle" Duffey, KK6MC/5, "Building Simple Baluns that Work"
Chuck Adams, K7QO, "Manhattan construction and the MH 101 project"
"QRP kit design" featuring Wayne Burdick, N6KR, or Eric Swartz, WA6HHQ, of Elecraft
"Reverse RFI - Interference to Amateur Radio Equipment" by Ed Hare, W1RFI, from the ARRL

"Fun on the Waterfall - Operating PSK-31" a great PSK-31 talk and demonstration by Barry Geipel, AD6CW

"Hamming in Hotel Rooms", by Vern Wright, W6MMA

We'll also have a QRP demo station going the whole time -- and Ed, W1RFI, has secured the use of W1FB/6 for us *and* volunteered to bring the original Tuna Tin 2 he rescued from the evil clutches of some nefarious seller at a swap meet. Bring your license, sit down and operate a piece of history and listen to Ed relate this bold tale of his brave exploits!

..plus the usual Friday and Saturday night get-togethers, and all around good times including an "open" building contest (anything goes). So bring those projects you've been getting ready for PacifiCon and give 'em a trial run.

Contact Bill Phinizy, K6WHP, at k6whp@arrl.net or Bill Chambers, K6BNC, at k6bnc@att.net. For general convention and registration information check out the Convention website at:

<http://www.qsl.net/iecaro> or
<http://www.qsl.net/arrl-2001swdc>.

We hope to see you there!

Bill, K6WHP
k6whp@gte.net
k6whp@arrl.net

Date: Fri, 29 Jun 2001 16:15:55 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <marsgal42@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [101106] Re: Anti Theft
Message-ID: <006e01c100d8\$4f6d8cc0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: laura halliday <marsgal42@hotmail.com>

> Another solution is a removable portion of the radio
> that is keyed to the base unit. Without the removable
> bit, the radio is useless. Lots of radios do this.
> Even some ham ones.

Unfortunately, this is a preventative act only. And requires user intervention. Just look at the 'alarm' discounts the insurance companies offer for cars. If it is passive, big discount. If it requires user activation, moderate discount. That should explain how I feel about removable plates and panels...

Besides, they STILL get stolen by people who don't know better. And having a radio that 'goes dead' after a short time just causes it to be heaved or stripped apart. If it gets to the point someone 'gets' the radio, I want to nail him... Or, even if I don't nail him, make him paranoid. If word of a system like this gets around, and someone is 'dealing' in stolen radios and uses them, sooner or later one of his buddies will ask "what was that chirp" and hopefully his blood will run cold...

Mike

Date: Sat, 30 Jun 2001 00:16:33 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [101107] QRM on 40m
Message-ID: <20010629201754Z8320-294+1511@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=KOI8-R
Content-Transfer-Encoding: 7bit

Dears!

Thanks for answers! Really, the broadcasting stations is a large problem on 40 m band here.

I'm very love for experiments with direct convertional trcvr's and rx's. All another bands are workes well, except 40m, sorry. Pass filters after antenna, good balance at mixer are not help with it problem. This is a direct detection effect of strong AM signals - wellknown trouble of all DC RX's, sorry.

Well, the good weekend for all you there! See ALL on QRP-freq's (cw only ; -))

72 & 73! de RV3GM/QRP

eng. Oleg V. Borodin

E-Mail: master72@lipetsk.ru
ICQ # 120927149
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
Trcvr's kits for QRPers at Web <http://www.qsl.net/rv3gm/>

Date: Fri, 29 Jun 2001 11:36:25 GMT
From: Walter D Amos <walt_amos@juno.com>
To: n0ur@mn.mediaone.net
Cc: qrp-l@lehigh.edu
Subject: [101108] Re: Safe log backup
Message-ID: <20010629.152136.-197139.0.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim:

What kind of logging program are you using? Doesn't it have a built in backup? Mine does!

If it's DOS you can use PKZIP

If it's WINDOSE you can use the backup in there.

If you have a zip disk you can write it off to one of them.

Must be some way of keeping it at home and not out on the net to be lost forever.

PKZIP is store a copy in the root directory!

pkzip -& a:mylog c:\mylog*.*

Where " mylog " is where ever you put it (path) and on the A:mylog is what ever you want to call the backup!

Walt K8CV

On Fri, 29 Jun 2001 07:42:09 -0500 "Jim" <n0ur@mn.mediaone.net> writes:
> With of 10 years of QSOs on my logging program, it would be a real
> shame to
> loose it all with a computer crash, or natural disaster. I would
> just keep
> my log backup in a drawer next to the computer, which would cover

> the crash,
> but not other disasters.
>
> I just discovered "Yahoo Briefcase", which is a free service in
> which you
> can send, and store files. I already have a email account with
> Yahoo, so I
> just put my file in my "briefcase", and feel a little safer about
> keeping my
> log files.
>
> I don't know if I would put my personal financial files in there,
> but I am
> comfortable with my log.
>
> Just go to Yahoo.com, and click on the Briefcase icon and follow
> directions.
>
> Hope some folks find this useful
>
> Jim NOUR
>
>

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Date: Fri, 29 Jun 2001 16:16:47 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <master72@lipetsk.ru>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101109] Re: QRM's on 40m
Message-ID: <1010529161649.QAA02492@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/29/01 11:53 AM, Oleg Borodin at master72@lipetsk.ru wrote:

>There are many broadcast stations in Europe at 40 m band around 7100 to
>7500 kHz. I wonder, are they QRM in US-air?

Are they EVER!

I'm sure it is worse over there, but they are plenty loud here in the US.
It pretty much makes 7100-7300 difficult or impossible to use in the late

evening.

> Since I knew the amateur band
> in USA is 7000 to 7300, isn't so?

Yes, that's correct.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 29 Jun 2001 15:31:05 -0400
From: Pete Burbank <plburbank@kih.net>
To: rattray@gpfn.sk.ca, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101110] Re: TICK keyer problem
Message-ID: <5.0.2.1.0.20010629152327.00aa3aa0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Bruce and Gang,
I tape a printout of the keyer instruction sequence to the bottom of my
portable rigs,
The home rig keyer has KNOBS....YEE HAH!!!!!!
73 Pete NV4V Kentucky

Date: Fri, 29 Jun 2001 16:44:19 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [101111] more milliwatt news.....
Message-ID: <007901c100dc\$4522d3c0\$05514342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "George Osier" <gosier@twcnny.rr.com>
To: "Jim" <qrpp@yahooogroups.com>
Subject: more milliwatt news.....
Date: Friday, June 29, 2001 4:43 PM

Hello All !!!!!

Worked SV1CQN On 20 meters with 800 mw for # 88 !!!! Got 2 in the mail today from MOC, 500 mw and 3V8SM with 800 mw for # 55 and # 56 confirmed !!!!!

73s

George , N2JNZ / QRPp

Date: Fri, 29 Jun 2001 14:01:12 -0700 (PDT)
From: Blair Goodlin <bgoodlinjr@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [101112] Advice for a prodigal ham?
Message-ID: <20010629210112.61878.qmail@web11308.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

After a 10-year hiatus, I've regained interest in ham radio, mostly because of QRP. I always wanted to build my own equipment, and for some reason I didn't think it was an option when I first got my license. Now I'd like to take advantage of the resources available through the QRP movement and finally build a rig of my very own to get back into the swing of things. But first I need some advice:

1. Frequency Counters

It seems that, not having any kind of pre-calibrated receiver, I'm going to need a frequency counter to align any radio I build. Any of them I see seem to be pretty expensive, so I was thinking about purchasing one off of eBay. Is this wise? Many of them come "untested," but does it really matter? Are they prone to going out of whack and becoming unusable? Is there an easy way of testing/calibrating them or would I end up spending more money doing all that than I would just walking to Radio Shack and buying one?

2. Soldering Irons vs. Stations

I know I should look for a temperature-controlled tip, but Weller offers soldering irons and stations. I'm not sure why I would need the station, but it seems to be what many hams recommend. I just hesitate to spend all the money on a station when an iron would do.

Any advice would be greatly appreciated.

Thanks!

Do You Yahoo!?

Get personalized email addresses from Yahoo! Mail

<http://personal.mail.yahoo.com/>

Date: Fri, 29 Jun 2001 15:02:10 -0600 (CST)

From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

To: Mike Yetsko <myetsko@insydesw.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [101113] Re: Anti Theft

Message-ID: <Pine.OSF.4.31.0106291455240.15622-100000@duke.usask.ca>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

On Fri, 29 Jun 2001, Mike Yetsko wrote:

> A number of years ago, there was talk of having an "ID" capability to
> certain rigs. These would broadcast a 'chirp' with a serial number or
> license call or just 'something' that was 'traceable' on every transmit.

Perhaps for expensive rigs the chirp could be from a built in GPS...

Speaking of the stolen rig database mentioned previously two fields I think would be useful are:

- Distinguishing Marks on the Rig
- Who to contact if you think you spotted it (this might not always be the owner, perhaps it is the police, a particular constable etc.)

I also like the Roger Rabbit idea...a mallet that does CW on some tender area of the thief... 8-)

Brian Buydens

Veterinary Electronic Data Specialist

Computing Services, University of Saskatchewan

email: Brian.Buydens@usask.ca

<http://duke.usask.ca/~buydens>

VE5RDV

Did you hear about the two antennas that got married? The wedding was a

disaster but the reception was great!

Date: Fri, 29 Jun 2001 15:13:52 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [101114] Ft. Tuthill {Flagstaff, AZ}
Message-ID: <20010629.151409.-650827.1.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

July 27 - 29, Ft. Tuthill, AZ

It ain't the Grand Ol' Opry, but there sure is a lot of pick'in & a
grin'in & a eat'in. ;-)

<http://www.qsl.net/wa6owr/fttuthill/pics/tutpics.htm>

Don't forget the weekend prior to Ft. Tuthill is the Glacier-Waterton
Hamfest, ~ 1mile NE of Snowslip, Montana.

What's this after Field Day doldrums?

72...Jay, WA5WHN DM65qd Albuquerque, NM USA

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 29 Jun 2001 14:31:43 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [101115] Re: Advice for a prodigal ham?
Message-ID: <F1805U9T3TGJ2TUSzbA000120a9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Blair Goodlin (bgoodlinjr@yahoo.com) wrote:

>1. Frequency Counters

>It seems that, not having any kind of pre-calibrated
>receiver, I'm going to need a frequency counter to
>align any radio I build. Any of them I see seem to be
>pretty expensive, so I was thinking about purchasing
>one off of eBay. Is this wise? Many of them come
>"untested," but does it really matter? Are they prone
>to going out of whack and becoming unusable? Is there
>an easy way of testing/calibrating them or would I end
>up spending more money doing all that than I would
>just walking to Radio Shack and buying one?

How expensive is "too expensive"? The little Opto-electronics jobs start at \$150 for a brand new 2.8 GHz counter that works and comes with a warranty. That's the MSRP; you may be able to do better. This isn't bad for a piece of precision test equipment.

You can get modest accuracy (a few ppm) by zero-beating the timebase to WWV. Real accuracy needs a better standard, like GPS or LORAN.

While you can improvise, and it's fun to do so, there is something to be said for having one anchor piece of known-quality test equipment that you can use to test other things you create. The essential pieces in my shack are a good multimeter (a big, heavy professional job, complete with RF probe, bought for \$5.00 at an estate sale), a scope (20 MHz dual-trace) and a frequency counter. With that, and possibly some improvised hardware, I can measure just about anything I would ever need to measure.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Fri, 29 Jun 2001 17:37:12 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <bgoodlinjr@yahoo.com>
Subject: [101116] Re: Advice for a prodigal ham?
Message-ID: <028201c100e3\$aa511020\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Blair Goodlin" <bgoodlinjr@yahoo.com>
Subject: Advice for a prodigal ham?

> After a 10-year hiatus, I've regained interest in ham
> radio, mostly because of QRP. I always wanted to
> build my own equipment, and for some reason I didn't
> think it was an option when I first got my license.

I was in the same boat not so long ago ... it's one of the greatest
pleasures of amateur radio.

> 1. Frequency Counters
> It seems that, not having any kind of pre-calibrated
> receiver, I'm going to need a frequency counter to

A calibrated receiver is a very flexible tool, probably better than a
counter. But lacking it, a counter would come in handy. Higher priority,
though, are a good meter or 2. Most things an analog meter is better for,
but occasionally a DMM is nice. The important thing is high impedance.
Next, build an RF probe for the meter. It's the next most important thing.

Another thing you will need is some sort of RF source. I use a Fireball 40
with a few carefully selected oscillators, but you will find the signal
source to be a lot more important than the counter. If you can pick up an
honest signal generator at a hamfest you will find it invaluable, but you
can get by with a lot less (I do!)

> align any radio I build. Any of them I see seem to be
> pretty expensive, so I was thinking about purchasing

Take a look on the net for counters you can build. There are probably a

couple dozen different counters you can build for under \$20.

> 2. Soldering Irons vs. Stations

I got a station, not the best, a year or so ago and it is nice, but I've built a lot of kits with a cheap iron. If you want to limit your investment, I'd stick with the iron. However, if possible, get your hands on it before you buy it. It needs to feel good for you.

Most important - have fun, and don't let anyone convince you that it's as complicated or difficult as you imagine!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 29 Jun 2001 17:43:22 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [101117] FOX: SummerFox #1, W8RU
Message-ID: <3B3CF67A.7B4E288A@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Here is the preliminary log -- I want to get this out with tonight's digest. Please get corrections to me ASAP.

I had a blast, as always. Thank you all for keeping the pile-up well-behaved. I thought things went exceedingly well in that respect. There were a few stations calling me in the last 30 minutes that I just couldn't pick out -- sorry.

It was a treat to be called by LZ2RS (Rumi), AL7FS (Jim), and F5LKI (Bernard), all running QRP. They are the first DX stations I've worked during a FoxHunt.

I was using my FT-1000 at 5 watts and supplemented that with an outboard DSP.

Again, thank you all for a great evening. Just drop me a QSL if you need Michigan confirmed.

72/3,

Ron (W8RU).

2001 Summer Hunt #1, W8RU

0200	K0EVZ	559	ND	DOC	5W
0201	K8CV	559	MI	WALT	5W
0202	N0UR	579	MN	JIM	5W
0203	KB7WW	559	OR	ART	5W
0203	NQ7X	559	AZ	FLOYD	5W
0204	W0CH	559	MO	DAVE	5W
0205	K5JHP	559	TX	BILL	5W
0205	AA50	559	LA	VERN	5W
0206	W6ABC	599	CA	JACK	5W
0207	N1FN	559	CO	ET	5W
0207	N5TW	559	TX	TOM	5W
0208	N2WW	599	CO	LARRY	5W
0209	N5IW	559	TX	DAVE	5W
0209	W5TA	599	TX	DICK	5W
0210	N5IB	559	LA	JIM	5W
0211	KB1ENS	559	VT	JOHN	5W
0212	WA7SPY	559	CA	GLENN	5W
0213	K50I	559	NM	TIM	5W
0214	KJ0C	559	MO	JIM	5W
0214	AD6JV	559	CA	BILL	5W
0215	W2APF	599	MA	THAIRE	5W
0216	N6WG	559	CA	BOB	5W
0216	N0IT	599	MO	DAVE	5W
0217	K5LN	559	TX	BILL	5W
0218	AA7EQ	559	AZ	BOB	5W
0219	K4MF	559	AL	GARY	5W
0220	VA6RF	559	AB	EARL	5W
0220	K5YU	559	TX	HARV	5W
0221	K5E0A	559	LA	WAYNE	5W
0222	K0FRP	599	CO	AL	5W
0222	K4GT	559	GA	JIM	5W
0224	AF4PP	559	GA	CHUCK	2W
0226	KM5VY	559	NM	TOM	4W
0226	NQ7T	599	WA	GARY	5W
0227	W5YR	559	TX	GEORGE	5W
0228	N5JI	559	TX	RICH	5W
0229	K5AAR	559	OK	DON	5W
0230	K9IUA	559	ND	KEVIN	5W
0230	N1EU	559	NY	BARRY	5W
0231	N0DSP	599	CO	TOM	5W
0232	K5DW	559	TX	DON	5W

0233	WW7Y	559	UT	STEVE	5W
0234	N0RC	599	CO	ROD	5W
0234	K1VP	599	NH	ED	5W
0236	KC1FB	559	CT	JIM	5W
0237	KI0II	579	CO	RON	1W
0238	K5PSH	559	TX	JERRY	5W
0240	KE6RS	559	CA	RON	5W
0240	NF0R	579	MO	DAVE	2W
0241	K4TJD	559	GA	TOM	5W
0242	AF4PS	559	FL	MAC	3W
0243	W5USJ	559	TX	CHUCK	5W
0244	AG0T	559	ND	TODD	5W
0245	WR50	559	TX	DAVE	5W
0246	AA7XA	559	OR	FRANK	5W
0247	AK7Y	559	AZ	GREG	5W
0247	W9UQB	559	AZ	MIKE	5W
0248	AC5JH	559	OK	TOM	5W
0250	AA4LR	529	GA	BILL	5W
0251	W4IM	579	VA	JOHN	5W
0253	W9XU	559	WI	LON	5W
0253	N1TP	559	FL	TOM	5W
0254	N6XG	579	CA	WALT	200W
0255	K4BYF	559	FL	JACK	5W
0257	N9AW	559	WI	JERRY	5W
0258	N10DL	559	NH	ARON	2W
0259	W00Q	559	CO	MARTY	5W
0300	KD7CTF	559	OR	LEE	5W
0301	K4FB	559	FL	PAUL	5W
0303	WB6IYS	559	CA	BILL	5W
0304	KG6ELY	559	CA	RON	5W
0306	W0RW	579	CO	PAUL	5W
0308	AB0CD	559	CO	DICK	5W
0310	VE6EX	559	AB	DAN	5W
0311	W5TB	559	TX	DOC	5W
0312	NB0W	599	NE	SCOTT	2W
0314	NM5M	579	TX	ERIC	5W
0316	K5DI	559	NM	KARL	5W
0318	AB0GO	559	CO	DAVE	5W
0319	WR50	559	TX	DAVE	5W
0322	N4ROA	559	VA	DAN	3W
0325	N5YFC	559	LA	WAYNE	5W
0327	K3NG	559	PA	WOODY	5W
0330	NK9G	559	WI	RICK	5W
0331	K5BGB	579	TX	ROD	5W
0333	AK1P	559	CA	PAUL	5W
0335	WB8ICN	559	MI	MIKE	5W
0338	WD9FJL	579	NM	STEVE	5W
0340	KR5C	599	TX	GEORGE	5W

0343	KD5KXF	559	TX	MIKE	5W
0345	WA8NTA	559	CO	DICK	5W
0347	AC7CF	559	UT	ANDREW	5W
0348	LZ2RS	559	LZ	RUMI	5W
0350	AL7FS	449	AK	JIM	5W
0351	N7XY	559	WA	BOB	5W
0354	VE5RC	559	SK	BRUCE	5W
0359	F5LKI	559	F	BERNARD	5W

Date: Fri, 29 Jun 2001 18:15:27 -0400
 From: "Mike Yetsko" <myetsko@insydesw.com>
 To: <bgoodlinjr@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [101118] Re: Advice for a prodigal ham?
 Message-ID: <007d01c100e9\$0307b020\$0600a8c0@dad>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

> 1. Frequency Counters

> It seems that, not having any kind of pre-calibrated
 > receiver, I'm going to need a frequency counter to
 > align any radio I build. Any of them I see seem to be
 > pretty expensive, so I was thinking about purchasing
 > one off of eBay. Is this wise? Many of them come
 > "untested," but does it really matter? Are they prone
 > to going out of whack and becoming unusable? Is there
 > an easy way of testing/calibrating them or would I end
 > up spending more money doing all that than I would
 > just walking to Radio Shack and buying one?

Why off E-Bay? I just called around and managed to
 find some 'left over' counters at Radio Shack. For \$49.

> 2. Soldering Irons vs. Stations

> I know I should look for a temperature-controlled tip,
 > but Weller offers soldering irons and stations. I'm
 > not sure why I would need the station, but it seems to
 > be what many hams recommend. I just hesitate to spend
 > all the money on a station when an iron would do.

Buy the station. Being a 'controlled tip' is nice, but buy
 a decent iron. If you're really on a budget, the
 WLC100 is nice. I use one of them at work. And I have
 a couple of the 'free irons' but they are all with GOOD

quality plated tips. But the best is my old WTCPT station...

Mike

Date: Fri, 29 Jun 2001 17:24:24 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'bgoodlinjr@yahoo.com'" <bgoodlinjr@yahoo.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101119] RE: Advice for a prodigal ham?
Message-ID: <01C100C0.58C04140.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Frequency counter--probably not indispensable for most homebrew projects.
But like another poster said, that's assuming you have a least a calibrated receiver, and I guess you don't.

A good "Swiss Army Knife" acquisition might be the MFJ-259B antenna analyzer at around \$160. Now you've got an antenna analyzer, component impedance meter (somewhat limited range and accuracy) and frequency counter in one package. You may have to put some kind of limiter/clipper in front of the counter port since there are lots of warnings about damaging it with excess voltage on the input.

Oh yeah--it's also a signal generator, although with its analog oscillator it's not highly stable.

Another poor man's substitute for a generator/counter is the VE3DNL marker/generator at about \$10, I think. It wouldn't do everything, but in the short term, it's better than nothing.

Soldering irons Vs. stations. I'm kinda with you on that one. I guess I can envy the fancy stations that get discussed here periodically, but I'm still using the Ungar 40 watt iron (pencil). It does what I need to do.
Spend the extra \$\$ on other test equipment.

72 & GL,

Nick, WA5BDU

-----Original Message-----

From: Blair Goodlin [SMTP:bgoodlinjr@yahoo.com]

1. Frequency Counters

It seems that, not having any kind of pre-calibrated receiver, I'm going to need a frequency counter to align any radio I build.

2. Soldering Irons vs. Stations

I know I should look for a temperature-controlled tip, but Weller offers soldering irons and stations.

Date: Fri, 29 Jun 2001 17:49:09 -0500

From: "Brian Murrey" <bmmurrey@amexol.net>

To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [101120] Re: Activating

Message-ID: <001501c100ed\$b6e38de0\$37302bd1@iquest.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Pete,

I'm not 100% certain, but I think last weekend, while working Field Day with the Flying Pigs QRP Club International, we "activated" the bushes behind our campsite several times.

Perhaps this is what "activated" means?

----- Original Message -----

From: "Pete Burbank" <plburbank@kih.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, June 29, 2001 2:42 PM

Subject: Activating

> Perhaps I need enlightenment but does "Activating" a trail or mountain
> indicate some sort of geologic event?.....Like a volcanic eruption?
> Well like the 2 meter guys say....I'm destinated.....:-)
> Nomex suit here
> Pete NV4V
>
>

End of QRP-L Digest 2235
